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March 20, 2025

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

Re: Site Characterization and Remediation Closure Request
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 Closure Request for submittal to the New Mexico Oil Conservation Division (NMOCD) 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 located 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.

Remedial Action Activities and Confirmation Sampling

After receiving and evaluating the soil boring data Pilot excavated 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.

On February 11, 2025, NTGE was on site to collect a total of thirty-six (36) base composite samples (CS-1 to CS-36) and twenty-five (25) composite sidewall samples (SW-1 to SW-25). Soil samples were delivered to Eurofins in Carlsbad, New Mexico for the analysis of BTEX, TPH, chloride. Analytical results indicated that one (1) sidewall (SW-3) was above NMOCD regulatory limits. All other samples were below NMOCD regulatory limits for the site.

After further remedial actions, on March 4, 2025, NTGE was on site to collect a total of one (1) base composite sample (CS-37) and three composite sidewall samples (SW-3A, SW-26 and SW-27). Soil samples were delivered to Eurofins in Carlsbad, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that all samples were below NMOCD regulatory criteria for the site.

The final excavation extent and confirmation sample locations are shown on Figure 4, while analytical results of the confirmation samples are included in Table 2. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

All confirmation samples were 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. All confirmation soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. All confirmation samples were 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.

Closure Request

Based on the assessment and subsequent remedial action activities, the site is compliant with the regulatory limit and no further actions are required at the site. NTGE, on behalf of Pilot, formally requests a no further action designation for the site. A reclamation and revegetation report will be prepared and submitted after the Site has established vegetation density similar to the local vegetation.

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

Sincerely,
NTG Environmental



Ethan Sessums
Jr. Field Ops Manager

Nick Hart
Project Manager

Attachments:

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

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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)	
			(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
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
S-9	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
	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
S-10	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
	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
S-11	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
	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
S-12	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
S-13	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
	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
S-14	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
	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
	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 2
Summary of Soil Analytical Data - Confirmation 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)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Confirmation Samples													
CS-1	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	92.3
CS-2	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	264
CS-3	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	46.0
CS-4	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	66.8
CS-5	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	83.9
CS-6	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	73.4
CS-7	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	86.1
CS-8	2/11/2025	5.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	10.1
CS-9	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<9.92
CS-10	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	23.5
CS-11	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	24.9
CS-12	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	22.8
CS-13	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<10.1
CS-14	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	24.3
CS-15	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	<9.90
CS-16	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	25.3
CS-17	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	<9.90
CS-18	2/11/2025	5.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	96.3
CS-19	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.4	<50.4	<50.4	<50.4	<50.4	42.0
CS-20	2/11/2025	5.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	24.9
CS-21	2/11/2025	5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	41.4
CS-22	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	76.2
CS-23	2/11/2025	5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	23.6
CS-24	2/11/2025	7.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	61.2
CS-25	2/11/2025	3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	17.9
CS-26	2/11/2025	3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	18.6
CS-27	2/11/2025	3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	21.6
CS-28	2/11/2025	3'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	<10.1
CS-29	2/11/2025	3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<9.94
CS-30	2/11/2025	3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	<9.92
CS-31	2/11/2025	3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	10.5
CS-32	2/11/2025	7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	62.2
CS-33	2/11/2025	3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	12.2
CS-34	2/11/2025	3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	85.9
CS-35	2/11/2025	3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	26.2
CS-36	2/11/2025	7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	288
CS-37	3/4/2025	6'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<10.0
Sidewall Confirmation Samples													
SW-1	2/11/2025	0-5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	51.6
SW-2	2/11/2025	0-5.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	136
SW-3	2/11/2025	0-5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	1,870
SW-3A	3/4/2025	0-5.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.7	<49.7	<49.7	<49.7	<49.7	<9.96
SW-4	2/11/2025	0-5.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	16.7
SW-5	2/11/2025	0-5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	120

Table 2
Summary of Soil Analytical Data - Confirmation 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 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SW-6	2/11/2025	0-5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	53.4
SW-7	2/11/2025	0-5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.6	<49.6	<49.6	<49.6	<49.6	34.4
SW-8	2/11/2025	0-5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	61.6
SW-9	2/11/2025	0-7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	54.4
SW-10	2/11/2025	0-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	17.3
SW-11	2/11/2025	0-7.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	75.8
SW-12	2/11/2025	3-7.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	15.7
SW-13	2/11/2025	0-3'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	12.2
SW-14	2/11/2025	0-7.5'	<0.00199	<0.00199	<0.00199	0.0171	0.0171	<49.7	<49.7	<49.7	<49.7	<49.7	384
SW-15	2/11/2025	0-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	28.4
SW-16	2/11/2025	0-3'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	107
SW-17	2/11/2025	3-7.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	12.4
SW-18	2/11/2025	3-7.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	<10.1
SW-19	2/11/2025	0-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	<9.96
SW-20	2/11/2025	0-3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<9.92
SW-21	2/11/2025	0-3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<9.90
SW-22	2/11/2025	0-3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<10.0
SW-23	2/11/2025	0-7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<9.96
SW-24	2/11/2025	0-7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	11.4
SW-25	2/11/2025	0-7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	47.1
SW-26	3/4/2025	3-6'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<10.1
SW-27	3/4/2025	0-6'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	<10.1

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B
- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 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).
-
- Not Analyzed

SP-1 Sample Point Excavated

FIGURES

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SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
PILOT WATER SOLUTIONS
MARS
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 3/12/2025 PROJECT #:248762



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
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Web: www.ntgenviroinmental.com

NOTES:

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

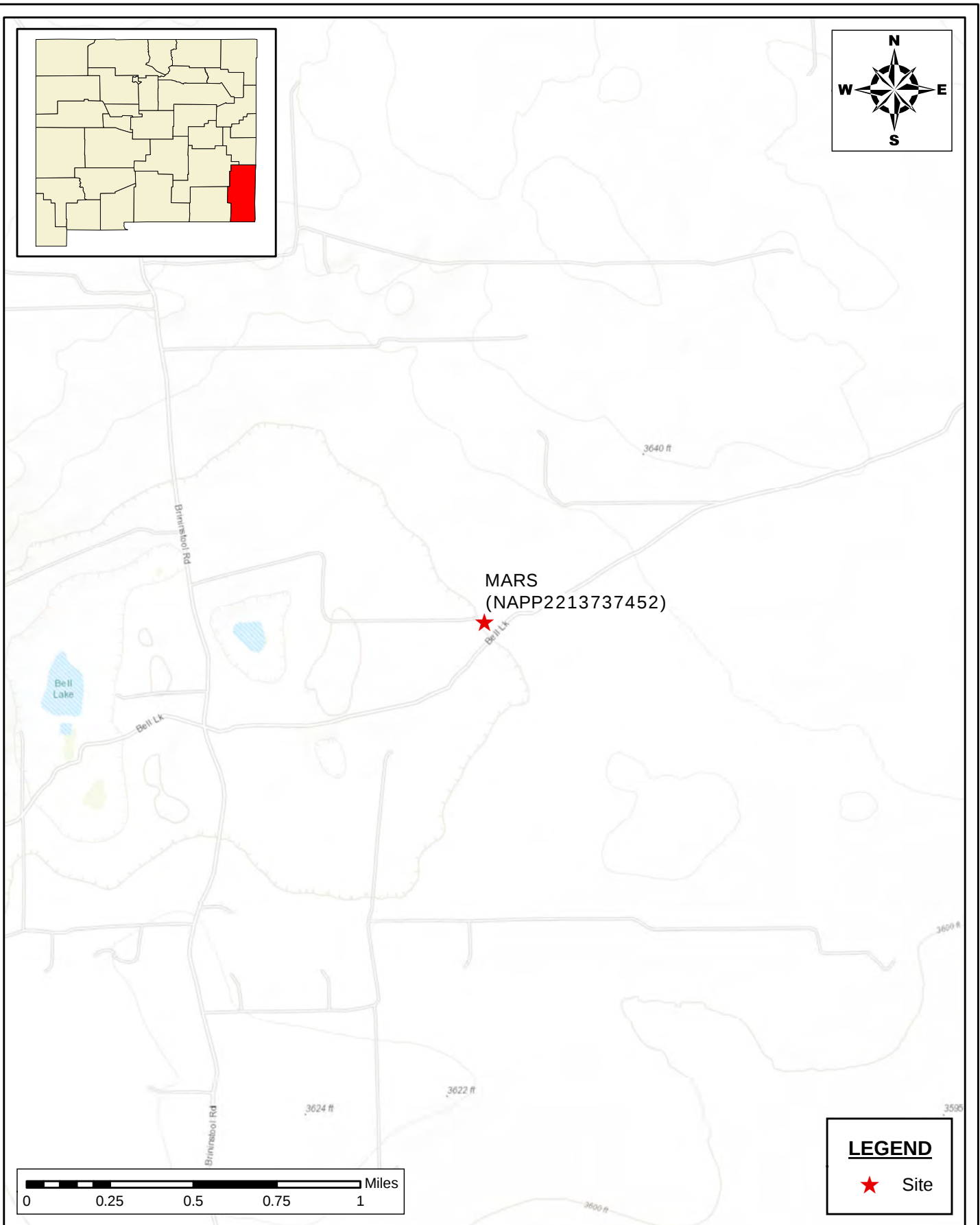
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FIGURE 1

SHEET NUMBER:

1 of 1

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**TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
PILOT WATER SOLUTIONS
MARS
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 11/19/2024 PROJECT #:248762



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NOTES:

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

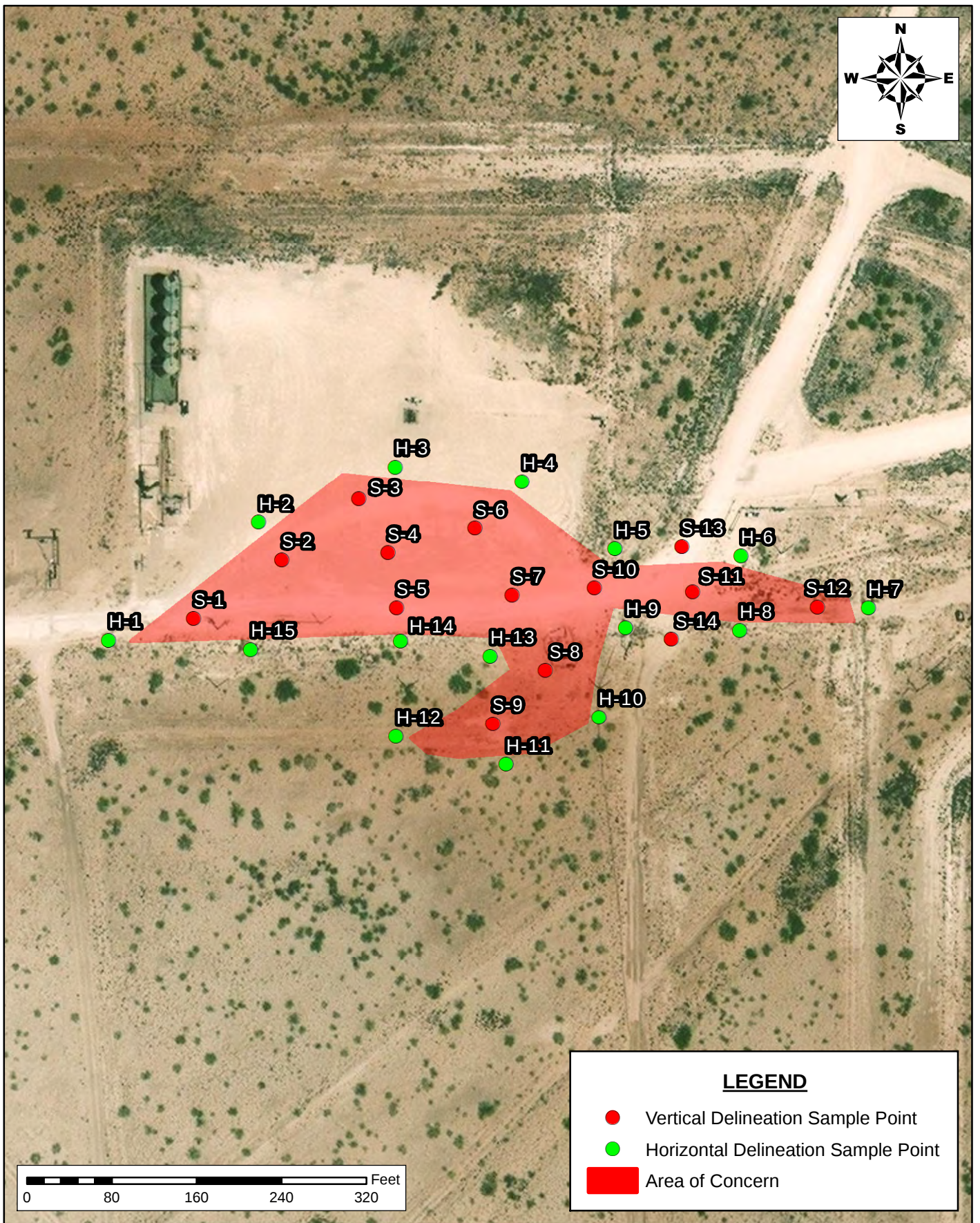
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FIGURE 2

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1 of 1

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

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



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NOTES:

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

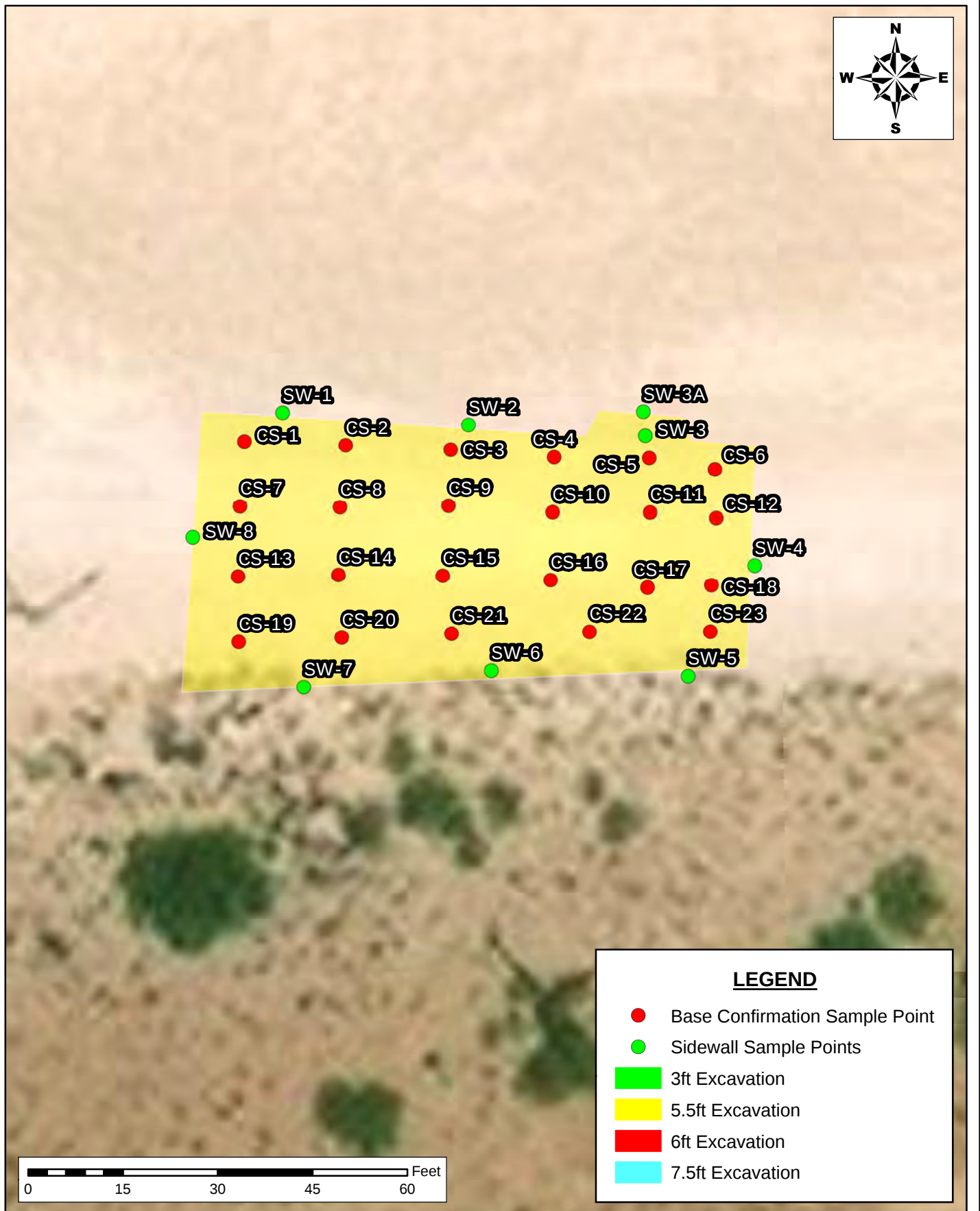
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FIGURE 3

SHEET NUMBER:

1 of 1

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CONFIRMATION SAMPLING MAP (WEST)
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
 PILOT WATER SOLUTIONS
 MARS
 LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 3/12/2025 PROJECT #: 248762



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NOTES:

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

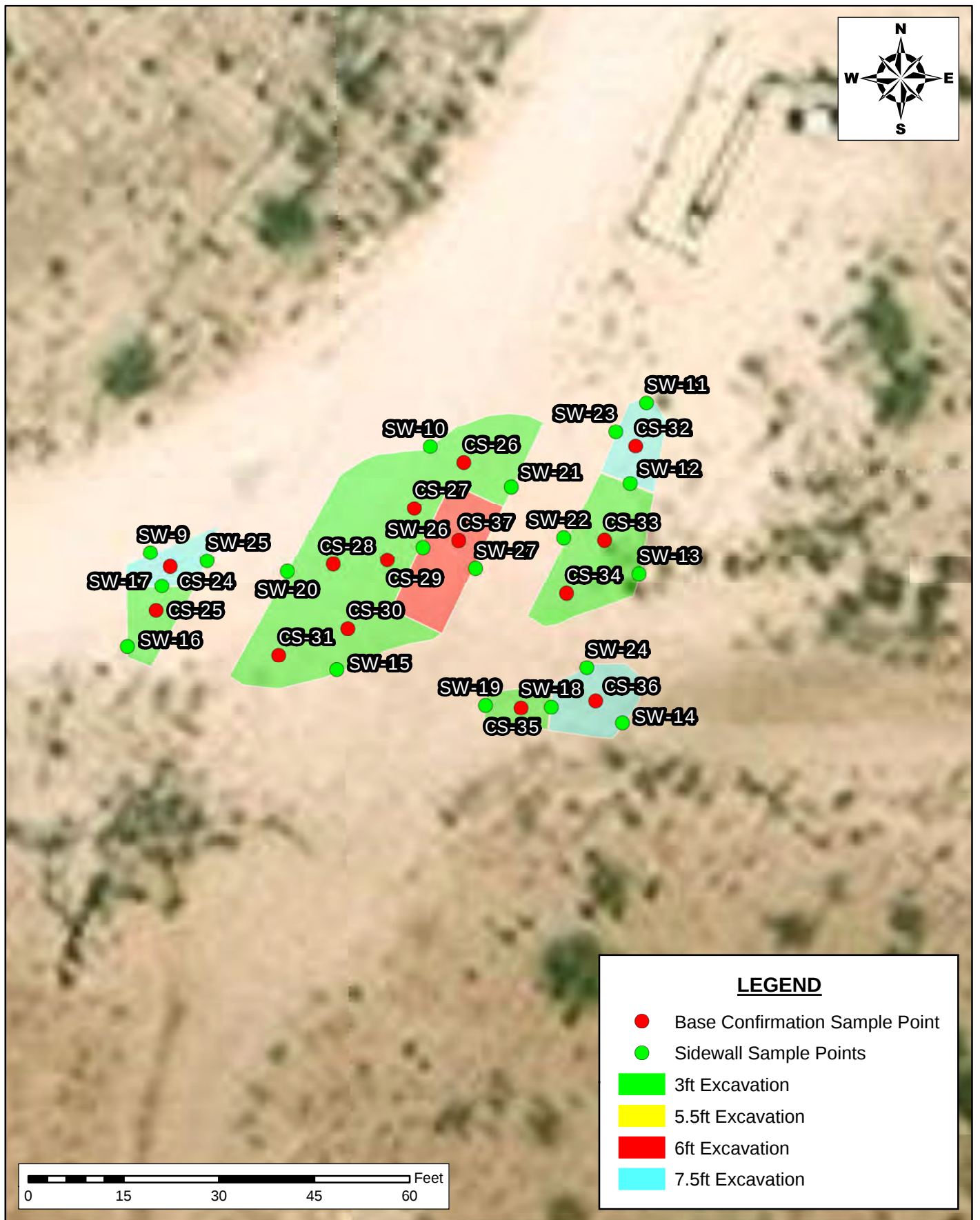
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FIGURE 4

SHEET NUMBER:

1 of 2

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CONFIRMATION SAMPLING MAP (EAST)
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
 PILOT WATER SOLUTIONS
 MARS
 LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 3/12/2025 PROJECT #: 248762

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NOTES:

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

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FIGURE 4

SHEET NUMBER:

2 of 2

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

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

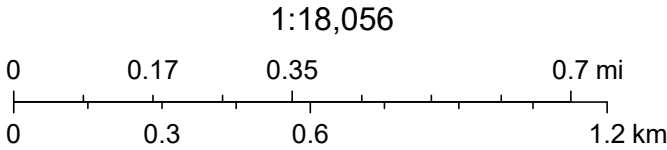
OSE POD Location Map



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

- Override 1
- 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



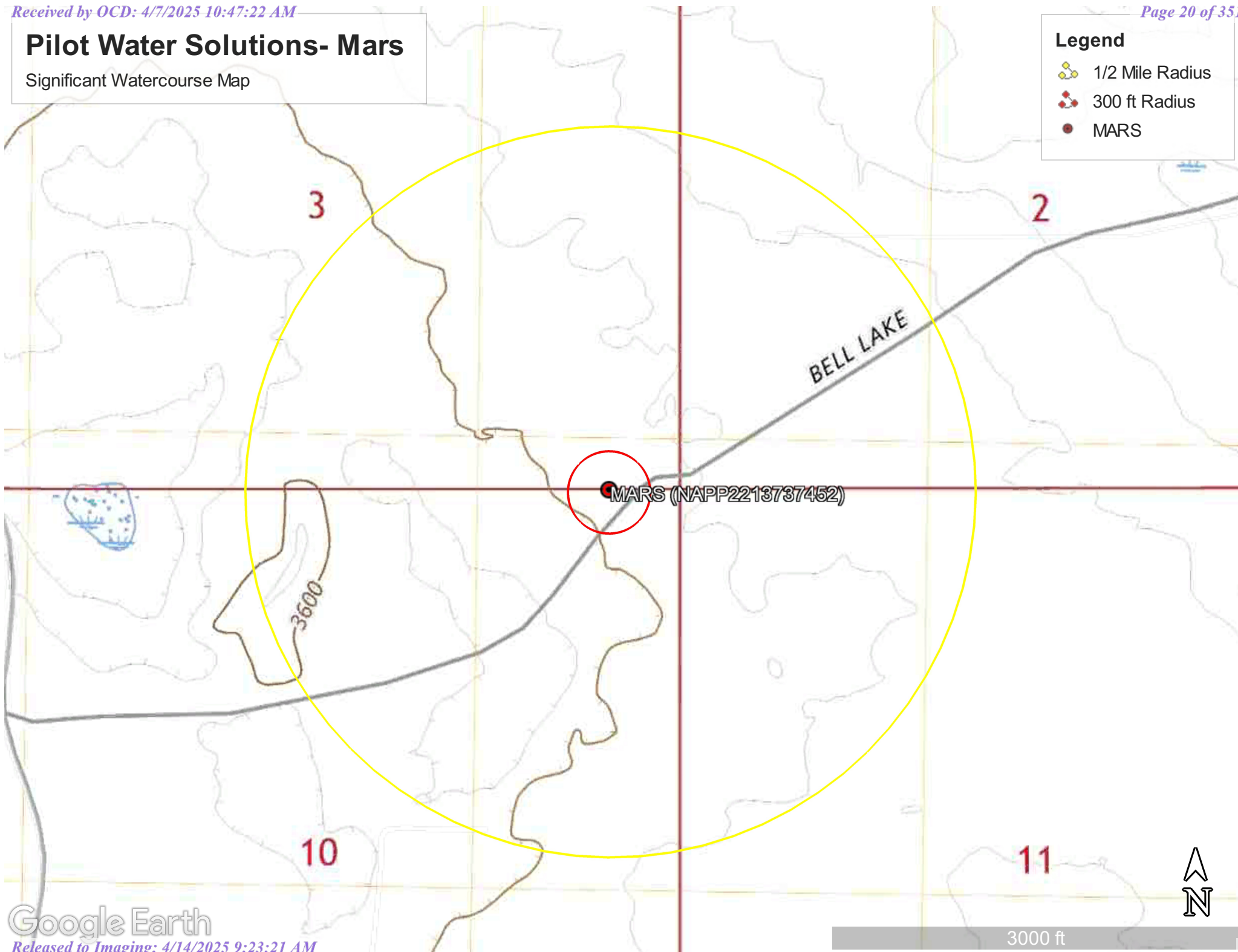
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Pilot Water Solutions- Mars

Significant Watercourse Map

Legend

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



Released to Imaging: 4/14/2025 9:23:21 AM

Received by OCD: 4/7/2025 10:47:22 AM

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)

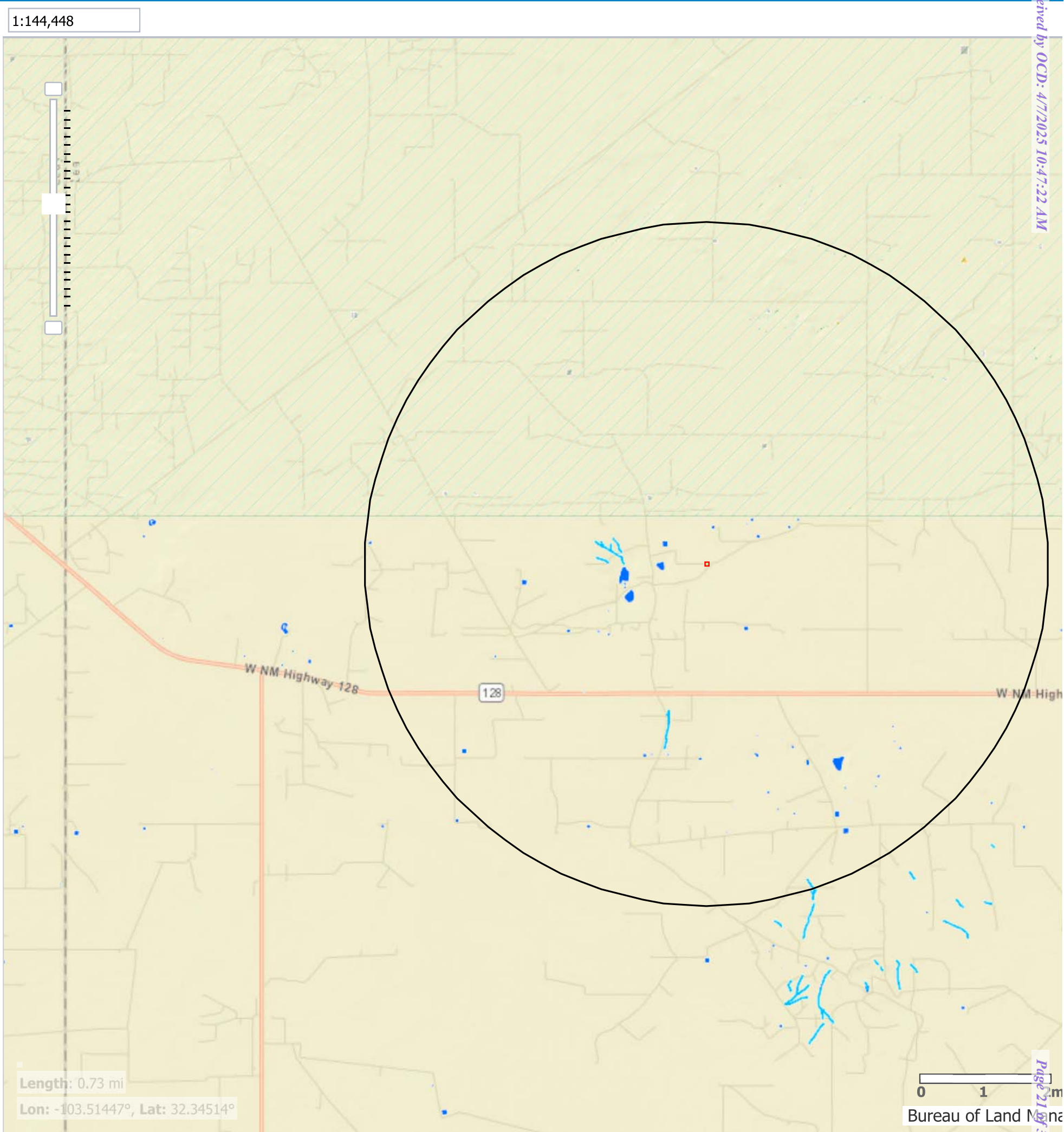
NWI Polygons

Lacustrine (L1, L2)

Palustrine Aquatic Bed (PAB)

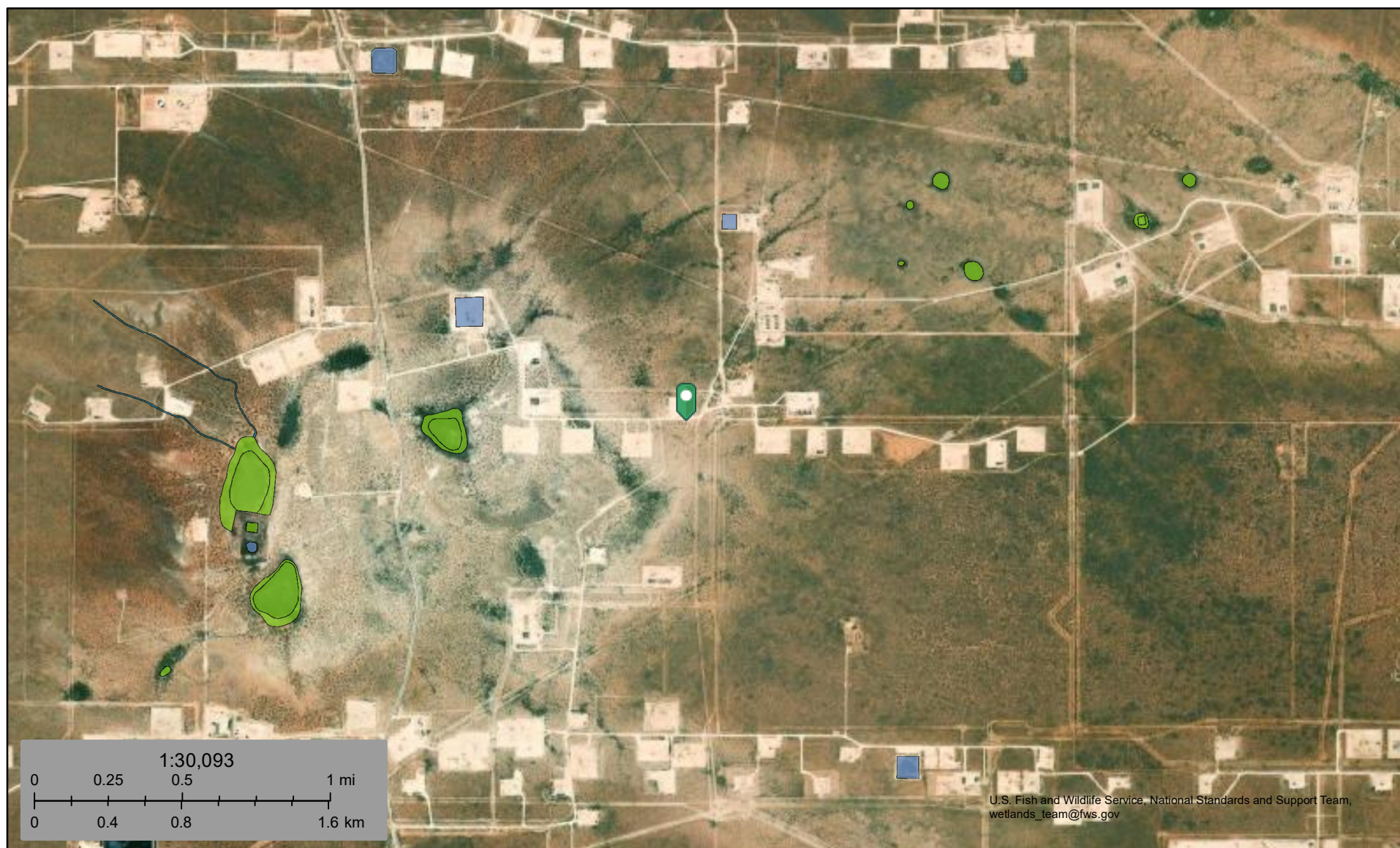
Palustrine Emergent (PEM)

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

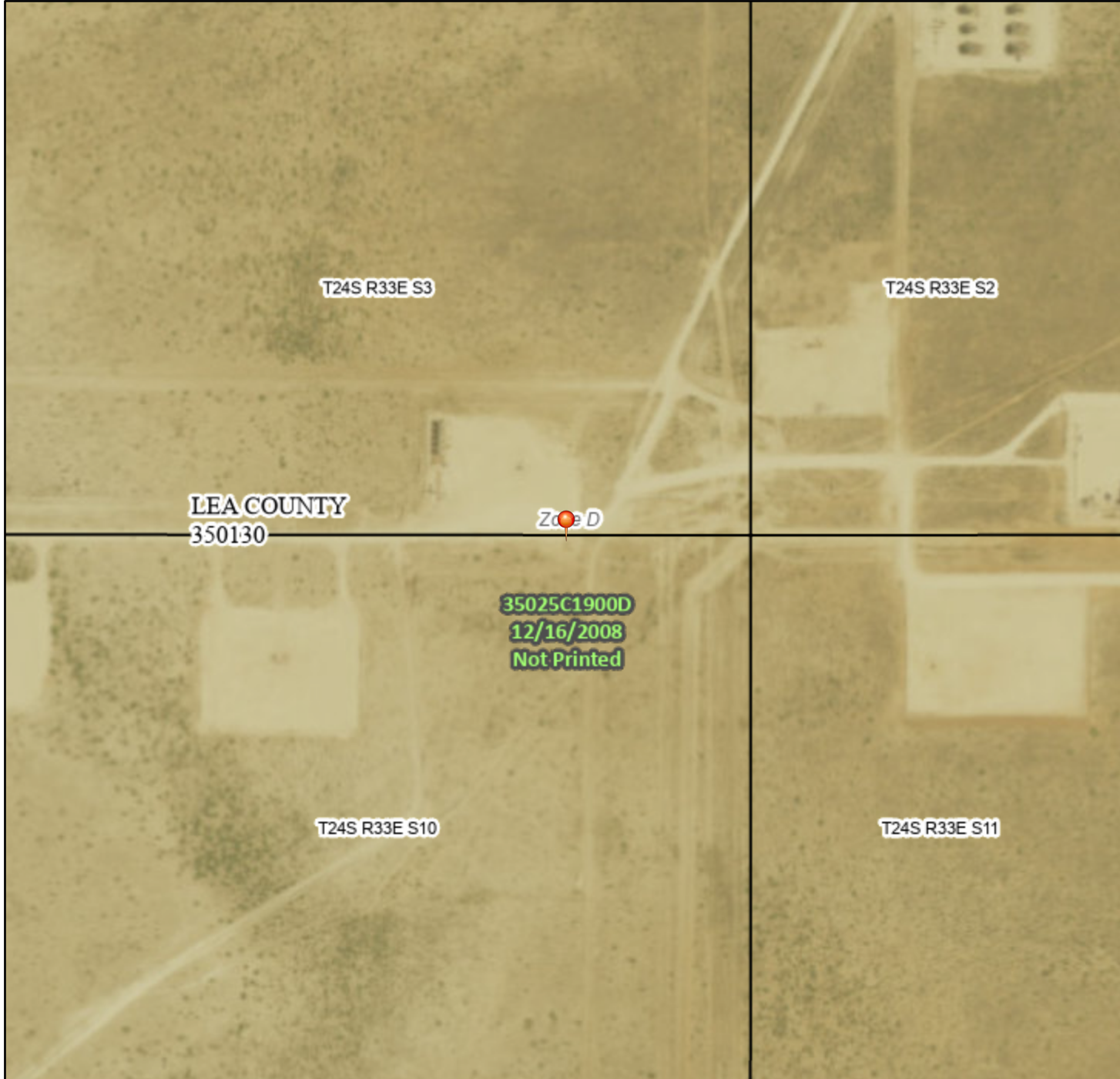
- Lake
- Other
- Riverine

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 FIRMette



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

Released to Imaging: 4/14/2025 9:23:21 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone 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

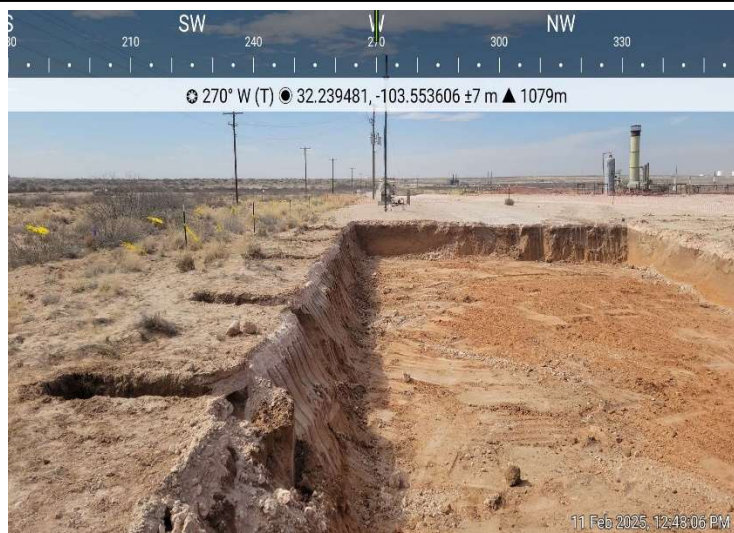
☉ 193° S (T) • 32.239561, -103.552914 ±11 m ▲ 1089m



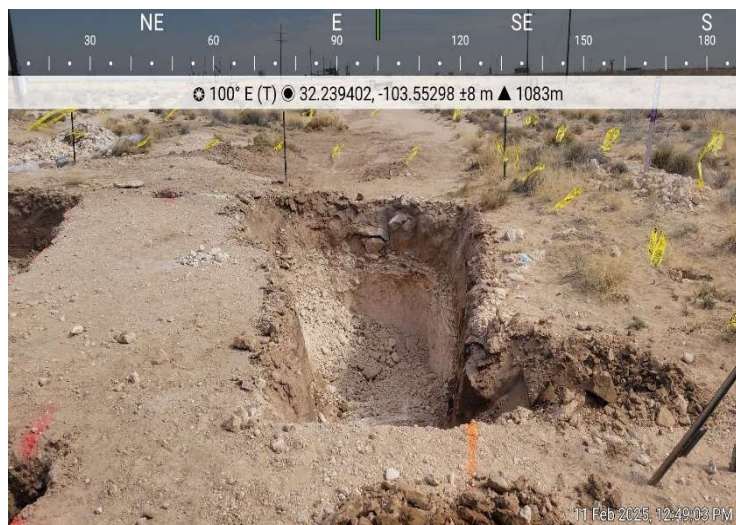
28 Oct 2024, 1:36:32 PM

PHOTOGRAPHIC LOG**Pilot Water Solutions****Mars****Photograph No. 7****Facility:** Mars**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 8****Facility:** Mars**County:** Lea County, New Mexico**Description:**

View of Excavation

**Photograph No. 9****Facility:** Mars**County:** Lea County, New Mexico**Description:**

View of Excavation



PHOTOGRAPHIC LOG

Pilot Water Solutions

Mars

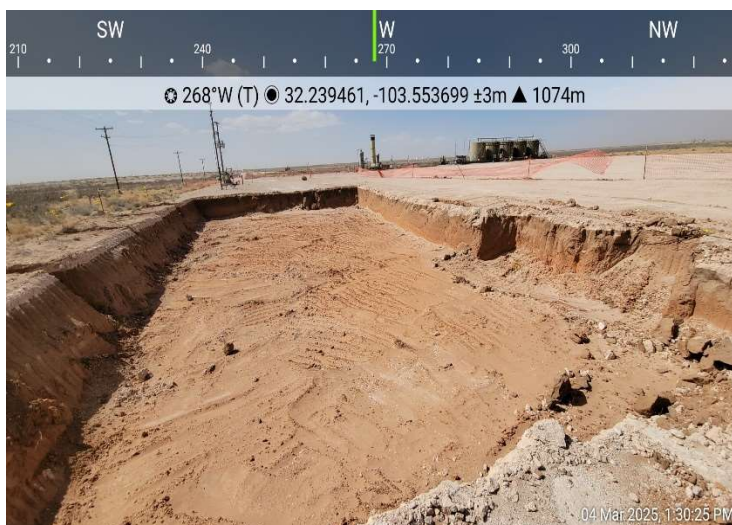
Photograph No. 10

Facility: Mars

County: Lea County, New Mexico

Description:

View of Excavation



Photograph No. 11

Facility: Mars

County: Lea County, New Mexico

Description:

View of Excavation



Photograph No. 12

Facility: Mars

County: Lea County, New Mexico

Description:

View of Excavation



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**

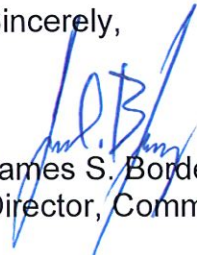
Dear Applicant:

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
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
10/11/2024 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

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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)
Date Collected: 10/07/24 09:10
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<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)
Date Collected: 10/07/24 09:15
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-4
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 09:23	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: MARSJob 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)

Lab Sample ID: 890-7216-11

Date Collected: 10/07/24 09:50

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 08:22	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)

Lab Sample ID: 890-7216-12

Date Collected: 10/07/24 09:53

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 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)

Lab Sample ID: 890-7216-15

Date Collected: 10/07/24 10:00

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)	<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)

Lab Sample ID: 890-7216-16

Date Collected: 10/07/24 10:05

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 09:23	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: MARSJob 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)

Lab Sample ID: 890-7216-23

Date Collected: 10/07/24 10:40

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	10/09/24 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)

Lab Sample ID: 890-7216-24

Date Collected: 10/07/24 10:45

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	<0.00198	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)

Lab Sample ID: 890-7216-31

Date Collected: 10/07/24 11:20

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)	<49.9	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)

Lab Sample ID: 890-7216-32

Date Collected: 10/07/24 11:25

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	<0.00202	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)

Lab Sample ID: 890-7216-34

Date Collected: 10/07/24 11:35

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	<0.00396	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)

Lab Sample ID: 890-7216-35

Date Collected: 10/08/24 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	<0.00199	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: MARSJob 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: MARS

Job 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: MARS

Job ID: 890-7216-1
SDG: 248762

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

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)
Date Collected: 10/08/24 09:27
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-47
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 09:26	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: MARSJob 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: MARS

Job 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)

Lab Sample ID: 890-7216-51

Date Collected: 10/08/24 09:34

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		10/09/24 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)

Lab Sample ID: 890-7216-52

Date Collected: 10/08/24 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	<0.00202	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: MARSJob 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)

Lab Sample ID: 890-7216-55

Date Collected: 10/08/24 09:40

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	10/10/24 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)

Lab Sample ID: 890-7216-56

Date Collected: 10/08/24 09:42

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 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)

Lab Sample ID: 890-7216-59

Date Collected: 10/08/24 09:46

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 08:29	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)

Lab Sample ID: 890-7216-60

Date Collected: 10/08/24 09:47

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 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)

Lab Sample ID: 890-7216-66

Date Collected: 10/08/24 09:55

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	<0.00399	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)

Lab Sample ID: 890-7216-67

Date Collected: 10/08/24 09:56

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 09:31	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)

Lab Sample ID: 890-7216-69

Date Collected: 10/08/24 09:59

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 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')

Lab Sample ID: 890-7216-70

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 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')

Lab Sample ID: 890-7216-71

Date Collected: 10/08/24 00:00

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)	<49.7	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')

Lab Sample ID: 890-7216-72

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 14:44	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)
Date Collected: 10/08/24 00:00
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-74
Matrix: Solid

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
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 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	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	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	Limits
Surrogate	%Recovery	Qualifier	
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

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				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	Limits
Surrogate	%Recovery	Qualifier	
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

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	0.08687		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	Limits
Surrogate	%Recovery	Qualifier	
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

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		10/08/24 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	Limits	Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier				
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	LCS	LCS	Unit	D	%Rec	%Rec	Limits		
			Added	Result	Qualifier							
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		

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	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		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
				LCSD	LCSD						
Surrogate	%Recovery	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

	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	798.3		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	743.5		mg/Kg		74	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

	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	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

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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	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
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 %Recovery	LCS Qualifier	Limits			
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 %Recovery	LCSD Qualifier	Limits					
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

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	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

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	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 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 08:26	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 %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
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 Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
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		
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

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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: 890-7216-41 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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	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
Surrogate	MSD %Recovery	MSD 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

Analyte	MB Result	MB 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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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)
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	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)
Date Collected: 10/07/24 09:20
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 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)
Date Collected: 10/07/24 09:25
Date Received: 10/08/24 16:00

Lab Sample ID: 890-7216-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 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)
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
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)

Lab Sample ID: 890-7216-17

Date Collected: 10/07/24 10:10

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			5.01 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)

Lab Sample ID: 890-7216-18

Date Collected: 10/07/24 10:15

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	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)

Lab Sample ID: 890-7216-19

Date Collected: 10/07/24 10:20

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			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)

Lab Sample ID: 890-7216-20

Date Collected: 10/07/24 10:25

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			5.05 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)

Lab Sample ID: 890-7216-21

Date Collected: 10/07/24 10:30

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			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)

Lab Sample ID: 890-7216-22

Date Collected: 10/07/24 10:35

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	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)

Lab Sample ID: 890-7216-23

Date Collected: 10/07/24 10:40

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			5.03 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)

Lab Sample ID: 890-7216-24

Date Collected: 10/07/24 10:45

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			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)

Lab Sample ID: 890-7216-44

Date Collected: 10/08/24 09:22

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 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)

Lab Sample ID: 890-7216-45

Date Collected: 10/08/24 09:24

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	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)

Lab Sample ID: 890-7216-46

Date Collected: 10/08/24 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	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)

Lab Sample ID: 890-7216-47

Date Collected: 10/08/24 09:27

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 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)

Lab Sample ID: 890-7216-64

Date Collected: 10/08/24 09:52

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	10/10/24 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)

Lab Sample ID: 890-7216-65

Date Collected: 10/08/24 09:54

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			5.03 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)

Lab Sample ID: 890-7216-66

Date Collected: 10/08/24 09:55

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			5.01 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)

Lab Sample ID: 890-7216-67

Date Collected: 10/08/24 09:56

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			4.97 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

Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7216-1
SDG: 248762

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

Prep 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')

Lab Sample ID: 890-7216-72

Date Collected: 10/08/24 00:00

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	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')

Lab Sample ID: 890-7216-73

Date Collected: 10/08/24 00:00

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	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)

Lab Sample ID: 890-7216-74

Date Collected: 10/08/24 00:00

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			4.96 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

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

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

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

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: <u>74110007</u>	Parameters												890-7216 Chain of Custody				
Received Intact:	☒ Yes ☒ No	Correction Factor: <u>-0.2</u>	Temperature Reading: <u>-5.0</u>													NaHSO ₄ : NABIS				
Cooler Custody Seals:	☒ Yes ☒ No	Corrected Temperature: <u>-4.8</u>														Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	☒ Yes ☒ No															Zn Acetate+NaOH: Zn				
Total Containers:	69															NaOH+Ascorbic Acid: SAPC				
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

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>10/8 16:00</u>			



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

Program: UST/PPST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ P-ST/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	Wet Ice:	☒ Yes ☒ No	Parameters												HOLD			
Received Intact:	☒ Yes ☒ No	Thermometer ID:	1111111111			BTX 8021B															
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:	-0.2			TPH 8015M (GRO + DRO + MRO)															
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading:	-5.0			Chloride 4500 CL															
Total Containers:	69	Corrected Temperature:	-4.8																		
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
1 <i>[Signature]</i>	2 <i>[Signature]</i>	10/18/16	3 <i>[Signature]</i>	4 <i>[Signature]</i>	
5			6		



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

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															
PC #:					H ₂ SO ₄ : H ₂	NaOH: Na															
SAMPLE RECEIPT	Temp Blank:	☒ Yes ☒ No	Wet Ice:	☒ Yes ☒ No	Parameters												BTEX 8021B				
Received Intact:	☒ Yes ☒ No	Thermometer ID:			TPH 8015M (GRO + DRO + MRO)												Chloride 4500 CL				
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:													HOLD				
Sample Custody Seals:	Yes	No	NA	Temperature Reading:													Zn Acetate+NaOH: Zn				
Total Containers:	69	Corrected Temperature:	-4.2														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

Program: UST/PRP ☐ 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	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	248762	Due Date:															None: NO	DI Water: H ₂ O	
Project Location:	Lea County																Cool: Cool	MeOH: Me	
Sampler's Name:	Tyler Kimball																HCL: HC	HNO ₃ : HN	
PU #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Thermometer ID:														H ₃ PO ₄ : HP		
Received Intact:	☒ Yes ☒ No	Correction Factor:															NaHSO ₄ : NABIS		
Cooler Custody Seals:	☒ Yes ☒ No	Temperature Reading:															Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	☒ Yes ☒ No	Corrected Temperature:															Zn Acetate+NaOH: Zn		
Total Containers:	69																NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
S-8 (1-1.5)	10/7/2024	11:24	X		Grab/	1	X	X	X										
S-8 (2-2.5)	10/7/2024	11:25	X		Grab/	1	X	X	X										
S-8 (3-3.5)	10/7/2024	11:50	X		Grab/	1	X	X	X										
S-8 (4-4.5)	10/7/2024	11:36	X		Grab/	1	X	X	X										
S-9 (0-5)	10/8/2024	9:00:00	X		Grab/	1	X	X	X										
S-9 (1-1.5)	10/8/2024	9:02:00	X		Grab/	1	X	X	X										
S-9 (2-2.5)	10/8/2024	9:05:00	X		Grab/	1	X	X	X										
S-9 (3-3.5)	10/8/2024	9:07:00	X		Grab/	1	X	X	X										
S-9 (4-4.5)	10/8/2024	9:10:00	X		Grab/	1	X	X	X										
S-10 (0-5)	10/8/2024	9:12:00	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
		10/8 16:00			2
					4
					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	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	Wet Ice: ☒ Yes ☒ No															H ₃ PO ₄ : HP		
Received Inact:	☒ Yes ☒ No	Thermometer ID:															NaHSO ₄ : NABIS		
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:															Na ₂ S ₂ O ₅ : NaSO ₃		
Sample Custody Seals:	☒ Yes ☒ No	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

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 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	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	248762	Due Date:															None: NO	DI Water: H ₂ O
Project Location:	Lea County																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 ☒ N/A	Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☒ N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☒ N/A	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:	69	Corrected Temperature:	-4.8														NaOH+Ascorbic Acid: S/PC	

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

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



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 ID: ☒ Yes ☐ No	Parameters												HOLD				
Received Inlet:	Yes	No	Thermometer ID:													H ₃ PO ₄ : HP				
Cooler Custody Seals:	Yes	No	Correction Factor:													NaHSO ₄ : NABIS				
Sample Custody Seals:	Yes	No	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			
5		6			

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

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
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: 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.

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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 (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

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7315-1
SDG: 248762

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

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')
Date Collected: 10/28/24 09:15
Date Received: 10/28/24 15:54

Lab Sample ID: 890-7315-4
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		10/29/24 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

Matrix: Solid

Analysis Batch: 94298

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94305

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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

Matrix: Solid

Analysis Batch: 94298

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94305

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
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 LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-94305/2-A

Matrix: Solid

Analysis Batch: 94298

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94305

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					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 LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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 Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
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: MARSJob 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	Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130	10/29/24 08:24	10/29/24 19:35	1
o-Terphenyl	139	S1+	70 - 130	10/29/24 08:24	10/29/24 19:35	1

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		
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

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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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 2/19/2025 1:29:43 PM

JOB DESCRIPTION

Mars
Lea Couny NM

JOB NUMBER

890-7663-1

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



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2/19/2025 1:29:43 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: 890-7663-1
SDG: Lea County NM

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Definitions/Glossary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Carlsbad

Case Narrative

Client: NT Global
Project: Mars

Job ID: 890-7663-1

Job ID: 890-7663-1

Eurofins Carlsbad

Job Narrative
890-7663-1

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 2/12/2025 8:44 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -14.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (890-7663-1), CS-2 (890-7663-2), CS-3 (890-7663-3), CS-4 (890-7663-4), CS-5 (890-7663-5), CS-6 (890-7663-6), CS-7 (890-7663-7), CS-8 (890-7663-8), CS-9 (890-7663-9), CS-10 (890-7663-10), CS-11 (890-7663-11), CS-12 (890-7663-12), CS-13 (890-7663-13), CS-14 (890-7663-14), CS-15 (890-7663-15), CS-16 (890-7663-16), CS-17 (890-7663-17), CS-18 (890-7663-18), CS-19 (890-7663-19), CS-20 (890-7663-20), CS-21 (890-7663-21), CS-22 (890-7663-22), CS-23 (890-7663-23), CS-24 (890-7663-24), CS-25 (890-7663-25), CS-26 (890-7663-26), CS-27 (890-7663-27), CS-28 (890-7663-28), CS-29 (890-7663-29), CS-30 (890-7663-30), CS-31 (890-7663-31), CS-32 (890-7663-32), CS-33 (890-7663-33), CS-34 (890-7663-34), CS-35 (890-7663-35), CS-36 (890-7663-36), SW-1 (890-7663-37), SW-2 (890-7663-38), SW-3 (890-7663-39), SW-4 (890-7663-40), SW-5 (890-7663-41), SW-6 (890-7663-42), SW-7 (890-7663-43), SW-8 (890-7663-44), SW-9 (890-7663-45), SW-10 (890-7663-46), SW-11 (890-7663-47), SW-12 (890-7663-48), SW-13 (890-7663-49), SW-14 (890-7663-50), SW-15 (890-7663-51), SW-16 (890-7663-52), SW-17 (890-7663-53), SW-18 (890-7663-54), SW-19 (890-7663-55), SW-20 (890-7663-56), SW-21 (890-7663-57), SW-22 (890-7663-58), SW-23 (890-7663-59), SW-24 (890-7663-60) and SW-25 (890-7663-61).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-102567 and analytical batch 880-102679 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-26 (890-7663-26), CS-29 (890-7663-29), CS-30 (890-7663-30), CS-34 (890-7663-34), CS-35 (890-7663-35) and SW-2 (890-7663-38). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-102636 and analytical batch 880-102691 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-25 (890-7663-61). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: (890-7663-A-61-B MS) and (890-7663-A-61-C MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-102614 and analytical batch 880-102785 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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Case Narrative

Client: NT Global
Project: Mars

Job ID: 890-7663-1

Job ID: 890-7663-1 (Continued)

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Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-102613 and analytical batch 880-102783 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-2 (890-7663-2), CS-3 (890-7663-3), CS-4 (890-7663-4), CS-5 (890-7663-5), CS-6 (890-7663-6), CS-7 (890-7663-7), CS-8 (890-7663-8), CS-9 (890-7663-9), CS-11 (890-7663-11), CS-12 (890-7663-12), CS-13 (890-7663-13), CS-14 (890-7663-14), CS-17 (890-7663-17), CS-18 (890-7663-18) and CS-20 (890-7663-20). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-102615 and analytical batch 880-102785 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-102614 and 880-102615 and analytical batch 880-102785 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-102614/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-102614/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-102943 and analytical batch 880-102924 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-102943 and analytical batch 880-102924 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: CS-1 (890-7663-1), CS-10 (890-7663-10), CS-15 (890-7663-15), CS-16 (890-7663-16) and CS-19 (890-7663-19). Percent recoveries are based on the amount spiked.

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: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-1

Lab Sample ID: 890-7663-1

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 11:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 11:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	02/12/25 10:56	02/13/25 11:27	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/12/25 10:56	02/13/25 11:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 11:27	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			02/17/25 11:20	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		02/17/25 10:53	02/17/25 11:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U *	49.8		mg/Kg		02/17/25 10:53	02/17/25 11:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/17/25 10:53	02/17/25 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	218	S1+	70 - 130	02/17/25 10:53	02/17/25 11:20	1
o-Terphenyl	171	S1+	70 - 130	02/17/25 10:53	02/17/25 11:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.3		10.1		mg/Kg			02/13/25 21:48	1

Client Sample ID: CS-2

Lab Sample ID: 890-7663-2

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 11:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 11:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 11:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 11:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 11:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	02/12/25 10:56	02/13/25 11:48	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/12/25 10:56	02/13/25 11:48	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-2

Lab Sample ID: 890-7663-2

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/25 01:15	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	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 01:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 01:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				02/12/25 13:53	02/15/25 01:15	1
o-Terphenyl	65	S1-	70 - 130				02/12/25 13:53	02/15/25 01:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	264		10.1		mg/Kg			02/13/25 22:15	1

Client Sample ID: CS-3

Lab Sample ID: 890-7663-3

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 12:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 12:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				02/12/25 10:56	02/13/25 12:08	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/12/25 10:56	02/13/25 12:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/15/25 01:31	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	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 01:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 01:31	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-3

Lab Sample ID: 890-7663-3

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				02/12/25 13:53	02/15/25 01:31	1
o-Terphenyl	66	S1-	70 - 130				02/12/25 13:53	02/15/25 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.0		10.1		mg/Kg			02/13/25 22:24	1

Client Sample ID: CS-4

Lab Sample ID: 890-7663-4

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 12:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 12:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 12:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 12:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 12:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				02/12/25 10:56	02/13/25 12:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/12/25 10:56	02/13/25 12:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 01:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 01:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 01:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				02/12/25 13:53	02/15/25 01:48	1
o-Terphenyl	65	S1-	70 - 130				02/12/25 13:53	02/15/25 01:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.8		9.96		mg/Kg			02/13/25 22:33	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-5

Lab Sample ID: 890-7663-5

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/12/25 10:56	02/13/25 12:49	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/12/25 10:56	02/13/25 12:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 02:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 02:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 02:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	02/12/25 13:53	02/15/25 02:03	1
o-Terphenyl	67	S1-	70 - 130	02/12/25 13:53	02/15/25 02:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.9		9.92		mg/Kg			02/13/25 22:43	1

Client Sample ID: CS-6

Lab Sample ID: 890-7663-6

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 13:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 13:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 13:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 13:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 13:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	02/12/25 10:56	02/13/25 13:10	1
1,4-Difluorobenzene (Surr)	80		70 - 130	02/12/25 10:56	02/13/25 13:10	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-6

Lab Sample ID: 890-7663-6

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 02:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 02:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 02:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				02/12/25 13:53	02/15/25 02:19	1
o-Terphenyl	66	S1-	70 - 130				02/12/25 13:53	02/15/25 02:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.4		10.1		mg/Kg			02/13/25 23:10	1

Client Sample ID: CS-7

Lab Sample ID: 890-7663-7

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 13:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 13:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 13:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 13:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 13:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				02/12/25 10:56	02/13/25 13:30	1
1,4-Difluorobenzene (Surr)	86		70 - 130				02/12/25 10:56	02/13/25 13:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 02:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 02:36	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-7

Lab Sample ID: 890-7663-7

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/12/25 13:53	02/15/25 02:36	1
o-Terphenyl	65	S1-	70 - 130				02/12/25 13:53	02/15/25 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.1		10.0		mg/Kg			02/13/25 23:19	1

Client Sample ID: CS-8

Lab Sample ID: 890-7663-8

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:56	02/13/25 13:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:56	02/13/25 13:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:56	02/13/25 13:51	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/12/25 10:56	02/13/25 13:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:56	02/13/25 13:51	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/12/25 10:56	02/13/25 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				02/12/25 10:56	02/13/25 13:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/12/25 10:56	02/13/25 13:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/13/25 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/25 02:51	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		02/12/25 13:53	02/15/25 02:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 02:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 02:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/12/25 13:53	02/15/25 02:51	1
o-Terphenyl	66	S1-	70 - 130				02/12/25 13:53	02/15/25 02:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1		9.96		mg/Kg			02/13/25 23:29	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-9

Lab Sample ID: 890-7663-9

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 14:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/12/25 10:56	02/13/25 14:11	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/12/25 10:56	02/13/25 14:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 03:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 03:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	02/12/25 13:53	02/15/25 03:08	1
o-Terphenyl	63	S1-	70 - 130	02/12/25 13:53	02/15/25 03:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/13/25 23:38	1

Client Sample ID: CS-10

Lab Sample ID: 890-7663-10

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 14:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/12/25 10:56	02/13/25 14:32	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/12/25 10:56	02/13/25 14:32	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-10

Lab Sample ID: 890-7663-10

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/25 13:54	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	<49.9	U *	49.9		mg/Kg		02/17/25 10:53	02/17/25 13:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9		mg/Kg		02/17/25 10:53	02/17/25 13:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/17/25 10:53	02/17/25 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	241	S1+	70 - 130				02/17/25 10:53	02/17/25 13:54	1
o-Terphenyl	184	S1+	70 - 130				02/17/25 10:53	02/17/25 13:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.5		10.1		mg/Kg			02/13/25 23:47	1

Client Sample ID: CS-11

Lab Sample ID: 890-7663-11

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 15:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 15:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 15:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 15:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 15:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 15:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				02/12/25 10:56	02/13/25 15:55	1
1,4-Difluorobenzene (Surr)	83		70 - 130				02/12/25 10:56	02/13/25 15:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/15/25 03:56	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	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 03:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 03:56	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-11

Lab Sample ID: 890-7663-11

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 03:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				02/12/25 13:53	02/15/25 03:56	1
o-Terphenyl	65	S1-	70 - 130				02/12/25 13:53	02/15/25 03:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.9		9.94		mg/Kg			02/13/25 23:56	1

Client Sample ID: CS-12

Lab Sample ID: 890-7663-12

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 16:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 16:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 16:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 16:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 16:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				02/12/25 10:56	02/13/25 16:16	1
1,4-Difluorobenzene (Surr)	83		70 - 130				02/12/25 10:56	02/13/25 16:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/25 04:12	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	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 04:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 04:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 04:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				02/12/25 13:53	02/15/25 04:12	1
o-Terphenyl	63	S1-	70 - 130				02/12/25 13:53	02/15/25 04:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.8		9.92		mg/Kg			02/14/25 00:24	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-13

Lab Sample ID: 890-7663-13

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 16:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	02/12/25 10:56	02/13/25 16:36	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/12/25 10:56	02/13/25 16:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 04:29	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		02/12/25 13:53	02/15/25 04:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 04:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	02/12/25 13:53	02/15/25 04:29	1
o-Terphenyl	65	S1-	70 - 130	02/12/25 13:53	02/15/25 04:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/14/25 00:33	1

Client Sample ID: CS-14

Lab Sample ID: 890-7663-14

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 16:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 16:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/12/25 10:56	02/13/25 16:57	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/12/25 10:56	02/13/25 16:57	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-14

Lab Sample ID: 890-7663-14

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 04:44	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		02/12/25 13:53	02/15/25 04:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 04:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:53	02/15/25 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				02/12/25 13:53	02/15/25 04:44	1
o-Terphenyl	63	S1-	70 - 130				02/12/25 13:53	02/15/25 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		9.96		mg/Kg			02/14/25 01:00	1

Client Sample ID: CS-15

Lab Sample ID: 890-7663-15

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 17:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/12/25 10:56	02/13/25 17:17	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/12/25 10:56	02/13/25 17:17	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			02/13/25 17:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/17/25 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U *	50.2		mg/Kg		02/17/25 10:53	02/17/25 14:10	1
Diesel Range Organics (Over C10-C28)	<50.2	U *	50.2		mg/Kg		02/17/25 10:53	02/17/25 14:10	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-15

Lab Sample ID: 890-7663-15

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/17/25 10:53	02/17/25 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	257	S1+	70 - 130				02/17/25 10:53	02/17/25 14:10	1
o-Terphenyl	201	S1+	70 - 130				02/17/25 10:53	02/17/25 14:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/14/25 01:10	1

Client Sample ID: CS-16

Lab Sample ID: 890-7663-16

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 17:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:56	02/13/25 17:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:56	02/13/25 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/12/25 10:56	02/13/25 17:38	1
1,4-Difluorobenzene (Surr)	84		70 - 130				02/12/25 10:56	02/13/25 17:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/17/25 14:26	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	<50.1	U *-	50.1		mg/Kg		02/17/25 10:53	02/17/25 14:26	1
Diesel Range Organics (Over C10-C28)	<50.1	U *-	50.1		mg/Kg		02/17/25 10:53	02/17/25 14:26	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/17/25 10:53	02/17/25 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	246	S1+	70 - 130				02/17/25 10:53	02/17/25 14:26	1
o-Terphenyl	194	S1+	70 - 130				02/17/25 10:53	02/17/25 14:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.3		9.90		mg/Kg			02/14/25 01:19	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-17

Lab Sample ID: 890-7663-17

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 17:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 17:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 17:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 17:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 17:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:56	02/13/25 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/12/25 10:56	02/13/25 17:58	1
1,4-Difluorobenzene (Surr)	82		70 - 130	02/12/25 10:56	02/13/25 17:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/15/25 05:32	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	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 05:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 05:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:53	02/15/25 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	02/12/25 13:53	02/15/25 05:32	1
o-Terphenyl	62	S1-	70 - 130	02/12/25 13:53	02/15/25 05:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/14/25 01:28	1

Client Sample ID: CS-18

Lab Sample ID: 890-7663-18

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 18:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 18:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 18:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/25 10:56	02/13/25 18:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 18:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/25 10:56	02/13/25 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/12/25 10:56	02/13/25 18:19	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/12/25 10:56	02/13/25 18:19	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-18

Lab Sample ID: 890-7663-18

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/25 18:19	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			02/15/25 05:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 05:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 05:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/15/25 05:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				02/12/25 13:53	02/15/25 05:48	1
o-Terphenyl	61	S1-	70 - 130				02/12/25 13:53	02/15/25 05:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.3		10.1		mg/Kg			02/14/25 01:37	1

Client Sample ID: CS-19

Lab Sample ID: 890-7663-19

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 18:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 18:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 18:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:56	02/13/25 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				02/12/25 10:56	02/13/25 18:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/12/25 10:56	02/13/25 18:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/17/25 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U *	50.4		mg/Kg		02/17/25 10:53	02/17/25 14:42	1
Diesel Range Organics (Over C10-C28)	<50.4	U *	50.4		mg/Kg		02/17/25 10:53	02/17/25 14:42	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-19

Lab Sample ID: 890-7663-19

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/17/25 10:53	02/17/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	261	S1+	70 - 130				02/17/25 10:53	02/17/25 14:42	1
o-Terphenyl	210	S1+	70 - 130				02/17/25 10:53	02/17/25 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0		9.94		mg/Kg			02/14/25 01:46	1

Client Sample ID: CS-20

Lab Sample ID: 890-7663-20

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 19:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 19:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 19:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/25 10:56	02/13/25 19:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:56	02/13/25 19:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/25 10:56	02/13/25 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				02/12/25 10:56	02/13/25 19:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/12/25 10:56	02/13/25 19:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/25 19:00	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			02/15/25 06:20	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		02/12/25 13:53	02/15/25 06:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 06:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:53	02/15/25 06:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				02/12/25 13:53	02/15/25 06:20	1
o-Terphenyl	61	S1-	70 - 130				02/12/25 13:53	02/15/25 06:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.9		9.92		mg/Kg			02/14/25 01:55	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-21

Lab Sample ID: 890-7663-21

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 12:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 12:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/12/25 10:58	02/13/25 12:01	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/12/25 10:58	02/13/25 12:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 12:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/25 16:21	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 ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 16:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 16:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/12/25 13:56	02/14/25 16:21	1
o-Terphenyl	84		70 - 130	02/12/25 13:56	02/14/25 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.4		9.96		mg/Kg			02/13/25 20:35	1

Client Sample ID: CS-22

Lab Sample ID: 890-7663-22

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 12:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/12/25 10:58	02/13/25 12:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/12/25 10:58	02/13/25 12:22	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-22

Lab Sample ID: 890-7663-22

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 12:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/25 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 17:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 17:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/12/25 13:56	02/14/25 17:13	1
o-Terphenyl	87		70 - 130				02/12/25 13:56	02/14/25 17:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.2		10.0		mg/Kg			02/13/25 20:54	1

Client Sample ID: CS-23

Lab Sample ID: 890-7663-23

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 12:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 12:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				02/12/25 10:58	02/13/25 12:42	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/12/25 10:58	02/13/25 12:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 12:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/14/25 17:29	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	<49.7	U ** *1	49.7		mg/Kg		02/12/25 13:56	02/14/25 17:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U ** *1	49.7		mg/Kg		02/12/25 13:56	02/14/25 17:29	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-23

Lab Sample ID: 890-7663-23

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/14/25 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				02/12/25 13:56	02/14/25 17:29	1
o-Terphenyl	90		70 - 130				02/12/25 13:56	02/14/25 17:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		9.90		mg/Kg			02/13/25 21:00	1

Client Sample ID: CS-24

Lab Sample ID: 890-7663-24

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 13:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 13:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/12/25 10:58	02/13/25 13:02	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/12/25 10:58	02/13/25 13:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 13:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 17:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 17:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/14/25 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				02/12/25 13:56	02/14/25 17:45	1
o-Terphenyl	88		70 - 130				02/12/25 13:56	02/14/25 17:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.2		10.1		mg/Kg			02/13/25 21:06	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-25

Lab Sample ID: 890-7663-25

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 13:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	02/12/25 10:58	02/13/25 13:23	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/12/25 10:58	02/13/25 13:23	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			02/13/25 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/25 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 18:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/12/25 13:56	02/14/25 18:01	1
o-Terphenyl	85		70 - 130	02/12/25 13:56	02/14/25 18:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.9		10.1		mg/Kg			02/13/25 21:12	1

Client Sample ID: CS-26

Lab Sample ID: 890-7663-26

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 13:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 13:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/12/25 10:58	02/13/25 13:43	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/12/25 10:58	02/13/25 13:43	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-26

Lab Sample ID: 890-7663-26

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 13:43	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			02/14/25 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 18:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 18:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/14/25 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/12/25 13:56	02/14/25 18:18	1
o-Terphenyl	86		70 - 130				02/12/25 13:56	02/14/25 18:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		10.1		mg/Kg			02/13/25 21:30	1

Client Sample ID: CS-27

Lab Sample ID: 890-7663-27

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				02/12/25 10:58	02/13/25 14:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/12/25 10:58	02/13/25 14:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/25 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 18:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 18:34	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-27

Lab Sample ID: 890-7663-27

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/14/25 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				02/12/25 13:56	02/14/25 18:34	1
o-Terphenyl	90		70 - 130				02/12/25 13:56	02/14/25 18:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.6		9.92		mg/Kg			02/13/25 21:36	1

Client Sample ID: CS-28

Lab Sample ID: 890-7663-28

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:58	02/13/25 14:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:58	02/13/25 14:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:58	02/13/25 14:24	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/12/25 10:58	02/13/25 14:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/25 10:58	02/13/25 14:24	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/12/25 10:58	02/13/25 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/12/25 10:58	02/13/25 14:24	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/12/25 10:58	02/13/25 14:24	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			02/13/25 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/25 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 18:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 18:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/12/25 13:56	02/14/25 18:50	1
o-Terphenyl	83		70 - 130				02/12/25 13:56	02/14/25 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/13/25 21:43	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-29

Lab Sample ID: 890-7663-29

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 14:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 14:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	02/12/25 10:58	02/13/25 14:44	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/12/25 10:58	02/13/25 14:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 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	<49.9	U	49.9		mg/Kg			02/14/25 19:06	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	<49.9	U *+ *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 19:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/14/25 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/12/25 13:56	02/14/25 19:06	1
o-Terphenyl	85		70 - 130	02/12/25 13:56	02/14/25 19:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/13/25 21:49	1

Client Sample ID: CS-30

Lab Sample ID: 890-7663-30

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 15:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 15:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 15:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 15:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 15:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	02/12/25 10:58	02/13/25 15:05	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/12/25 10:58	02/13/25 15:05	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-30

Lab Sample ID: 890-7663-30

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/25 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 19:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 19:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/14/25 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/12/25 13:56	02/14/25 19:22	1
o-Terphenyl	86		70 - 130				02/12/25 13:56	02/14/25 19:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/13/25 21:55	1

Client Sample ID: CS-31

Lab Sample ID: 890-7663-31

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 16:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 16:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 16:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 16:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 16:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/12/25 10:58	02/13/25 16:55	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/12/25 10:58	02/13/25 16:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 16:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/25 19:54	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 ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 19:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 19:54	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-31

Lab Sample ID: 890-7663-31

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/14/25 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/12/25 13:56	02/14/25 19:54	1
o-Terphenyl	84		70 - 130				02/12/25 13:56	02/14/25 19:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		10.1		mg/Kg			02/13/25 22:01	1

Client Sample ID: CS-32

Lab Sample ID: 890-7663-32

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 17:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 17:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 17:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 17:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 17:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				02/12/25 10:58	02/13/25 17:15	1
1,4-Difluorobenzene (Surr)	105		70 - 130				02/12/25 10:58	02/13/25 17:15	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			02/13/25 17:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/25 20:11	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 ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				02/12/25 13:56	02/14/25 20:11	1
o-Terphenyl	84		70 - 130				02/12/25 13:56	02/14/25 20:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.2		10.1		mg/Kg			02/13/25 22:19	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-33

Lab Sample ID: 890-7663-33

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 17:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/12/25 10:58	02/13/25 17:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/12/25 10:58	02/13/25 17:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/25 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	<49.9	U *+ *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 20:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 20:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/14/25 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	02/12/25 13:56	02/14/25 20:26	1
o-Terphenyl	90		70 - 130	02/12/25 13:56	02/14/25 20:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		9.96		mg/Kg			02/13/25 22:25	1

Client Sample ID: CS-34

Lab Sample ID: 890-7663-34

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 17:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 17:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	02/12/25 10:58	02/13/25 17:56	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/12/25 10:58	02/13/25 17:56	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-34

Lab Sample ID: 890-7663-34

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/25 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 20:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 20:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/14/25 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/12/25 13:56	02/14/25 20:42	1
o-Terphenyl	85		70 - 130				02/12/25 13:56	02/14/25 20:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.9		9.92		mg/Kg			02/13/25 22:44	1

Client Sample ID: CS-35

Lab Sample ID: 890-7663-35

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 18:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				02/12/25 10:58	02/13/25 18:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130				02/12/25 10:58	02/13/25 18:17	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			02/13/25 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/25 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 20:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 20:59	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-35

Lab Sample ID: 890-7663-35

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/14/25 20:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				02/12/25 13:56	02/14/25 20:59	1
o-Terphenyl	84		70 - 130				02/12/25 13:56	02/14/25 20:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.2		10.1		mg/Kg			02/13/25 22:50	1

Client Sample ID: CS-36

Lab Sample ID: 890-7663-36

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 18:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/25 10:58	02/13/25 18:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/25 10:58	02/13/25 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				02/12/25 10:58	02/13/25 18:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/12/25 10:58	02/13/25 18:37	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			02/13/25 18:37	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			02/14/25 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	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 21:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 21:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				02/12/25 13:56	02/14/25 21:15	1
o-Terphenyl	91		70 - 130				02/12/25 13:56	02/14/25 21:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	288		9.94		mg/Kg			02/13/25 22:56	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-1

Lab Sample ID: 890-7663-37

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 18:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 18:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 18:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 18:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 18:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/25 10:58	02/13/25 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	02/12/25 10:58	02/13/25 18:57	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/12/25 10:58	02/13/25 18:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/25 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 ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 21:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 21:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/14/25 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	02/12/25 13:56	02/14/25 21:31	1
o-Terphenyl	95		70 - 130	02/12/25 13:56	02/14/25 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.6		9.92		mg/Kg			02/13/25 23:02	1

Client Sample ID: SW-2

Lab Sample ID: 890-7663-38

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/25 10:58	02/13/25 19:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/25 10:58	02/13/25 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	02/12/25 10:58	02/13/25 19:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/12/25 10:58	02/13/25 19:18	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-2

Lab Sample ID: 890-7663-38

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/25 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/25 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 21:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	50.0		mg/Kg		02/12/25 13:56	02/14/25 21:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/12/25 13:56	02/14/25 21:47	1
o-Terphenyl	81		70 - 130				02/12/25 13:56	02/14/25 21:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		10.1		mg/Kg			02/13/25 23:08	1

Client Sample ID: SW-3

Lab Sample ID: 890-7663-39

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 19:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 19:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 19:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 19:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 19:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/25 10:58	02/13/25 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				02/12/25 10:58	02/13/25 19:38	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/12/25 10:58	02/13/25 19:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/25 22:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 22:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U ** *1	49.9		mg/Kg		02/12/25 13:56	02/14/25 22:02	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-3

Lab Sample ID: 890-7663-39

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/14/25 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				02/12/25 13:56	02/14/25 22:02	1
o-Terphenyl	84		70 - 130				02/12/25 13:56	02/14/25 22:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1870		49.5		mg/Kg			02/13/25 23:14	5

Client Sample ID: SW-4

Lab Sample ID: 890-7663-40

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/25 10:58	02/13/25 19:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/25 10:58	02/13/25 19:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/25 10:58	02/13/25 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				02/12/25 10:58	02/13/25 19:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/12/25 10:58	02/13/25 19:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/25 19:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/25 22:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 22:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U ** *1	49.8		mg/Kg		02/12/25 13:56	02/14/25 22:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/14/25 22:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/12/25 13:56	02/14/25 22:19	1
o-Terphenyl	86		70 - 130				02/12/25 13:56	02/14/25 22:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		10.1		mg/Kg			02/13/25 23:20	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-5

Lab Sample ID: 890-7663-41

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 18:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 18:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 18:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:08	02/13/25 18:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 18:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:08	02/13/25 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/13/25 08:08	02/13/25 18:07	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/13/25 08:08	02/13/25 18:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 18:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 00:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				02/12/25 13:56	02/15/25 00:27	1
o-Terphenyl	82		70 - 130				02/12/25 13:56	02/15/25 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		10.0		mg/Kg			02/14/25 03:09	1

Client Sample ID: SW-6

Lab Sample ID: 890-7663-42

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/25 08:08	02/13/25 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/25 08:08	02/13/25 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/13/25 08:08	02/13/25 18:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/13/25 08:08	02/13/25 18:27	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-6

Lab Sample ID: 890-7663-42

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 01:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 01:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 01:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/12/25 13:56	02/15/25 01:15	1
o-Terphenyl	86		70 - 130				02/12/25 13:56	02/15/25 01:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.4		10.1		mg/Kg			02/14/25 03:36	1

Client Sample ID: SW-7

Lab Sample ID: 890-7663-43

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/25 08:08	02/13/25 18:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 18:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/25 08:08	02/13/25 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				02/13/25 08:08	02/13/25 18:48	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/13/25 08:08	02/13/25 18:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/15/25 01:31	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	<49.6	U	49.6		mg/Kg		02/12/25 13:56	02/15/25 01:31	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/12/25 13:56	02/15/25 01:31	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-7

Lab Sample ID: 890-7663-43

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/12/25 13:56	02/15/25 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				02/12/25 13:56	02/15/25 01:31	1
o-Terphenyl	91		70 - 130				02/12/25 13:56	02/15/25 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.4		9.96		mg/Kg			02/14/25 03:45	1

Client Sample ID: SW-8

Lab Sample ID: 890-7663-44

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:08	02/13/25 19:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:08	02/13/25 19:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				02/13/25 08:08	02/13/25 19:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/13/25 08:08	02/13/25 19:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 01:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 01:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 01:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/12/25 13:56	02/15/25 01:48	1
o-Terphenyl	83		70 - 130				02/12/25 13:56	02/15/25 01:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.6		9.92		mg/Kg			02/14/25 03:55	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-9

Lab Sample ID: 890-7663-45

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:08	02/13/25 19:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:08	02/13/25 19:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:08	02/13/25 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	02/13/25 08:08	02/13/25 19:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/13/25 08:08	02/13/25 19:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 02:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 02:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 02:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	02/12/25 13:56	02/15/25 02:03	1
o-Terphenyl	95		70 - 130	02/12/25 13:56	02/15/25 02:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		10.1		mg/Kg			02/14/25 04:04	1

Client Sample ID: SW-10

Lab Sample ID: 890-7663-46

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 19:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 19:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 19:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/25 08:08	02/13/25 19:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 19:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/25 08:08	02/13/25 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/13/25 08:08	02/13/25 19:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/13/25 08:08	02/13/25 19:49	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-10

Lab Sample ID: 890-7663-46

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 19:49	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			02/15/25 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 02:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 02:19	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 02:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/12/25 13:56	02/15/25 02:19	1
o-Terphenyl	84		70 - 130				02/12/25 13:56	02/15/25 02:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		9.94		mg/Kg			02/14/25 04:32	1

Client Sample ID: SW-11

Lab Sample ID: 890-7663-47

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/25 08:08	02/13/25 20:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/25 08:08	02/13/25 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				02/13/25 08:08	02/13/25 20:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/13/25 08:08	02/13/25 20:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 02:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 02:36	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-11

Lab Sample ID: 890-7663-47

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				02/12/25 13:56	02/15/25 02:36	1
o-Terphenyl	90		70 - 130				02/12/25 13:56	02/15/25 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.8		9.98		mg/Kg			02/14/25 04:41	1

Client Sample ID: SW-12

Lab Sample ID: 890-7663-48

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 20:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 20:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 20:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/25 08:08	02/13/25 20:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 20:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/25 08:08	02/13/25 20:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				02/13/25 08:08	02/13/25 20:30	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/13/25 08:08	02/13/25 20:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 20:30	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			02/15/25 02:51	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		02/12/25 13:56	02/15/25 02:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 02:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 02:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				02/12/25 13:56	02/15/25 02:51	1
o-Terphenyl	96		70 - 130				02/12/25 13:56	02/15/25 02:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.7		9.96		mg/Kg			02/14/25 04:50	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-13

Lab Sample ID: 890-7663-49

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/25 08:08	02/13/25 20:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/25 08:08	02/13/25 20:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/25 08:08	02/13/25 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/13/25 08:08	02/13/25 20:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/13/25 08:08	02/13/25 20:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/13/25 20:51	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			02/15/25 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 03:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 03:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	02/12/25 13:56	02/15/25 03:08	1
o-Terphenyl	89		70 - 130	02/12/25 13:56	02/15/25 03:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		10.0		mg/Kg			02/14/25 04:59	1

Client Sample ID: SW-14

Lab Sample ID: 890-7663-50

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 15:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 15:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 15:32	1
m-Xylene & p-Xylene	0.0171		0.00398		mg/Kg		02/13/25 08:11	02/13/25 15:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 15:32	1
Xylenes, Total	0.0171		0.00398		mg/Kg		02/13/25 08:11	02/13/25 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/13/25 08:11	02/13/25 15:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/13/25 08:11	02/13/25 15:32	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-14

Lab Sample ID: 890-7663-50

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0171		0.00398		mg/Kg			02/13/25 15:32	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			02/15/25 03:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 03:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 03:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				02/12/25 13:56	02/15/25 03:24	1
o-Terphenyl	89		70 - 130				02/12/25 13:56	02/15/25 03:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	384		10.0		mg/Kg			02/14/25 05:08	1

Client Sample ID: SW-15

Lab Sample ID: 890-7663-51

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 15:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 15:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 15:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 15:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 15:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/13/25 08:11	02/13/25 15:53	1
1,4-Difluorobenzene (Surr)	106		70 - 130				02/13/25 08:11	02/13/25 15:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 15:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/15/25 03:56	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	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 03:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 03:56	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-15

Lab Sample ID: 890-7663-51

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 03:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				02/12/25 13:56	02/15/25 03:56	1
o-Terphenyl	89		70 - 130				02/12/25 13:56	02/15/25 03:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		9.94		mg/Kg			02/14/25 05:17	1

Client Sample ID: SW-16

Lab Sample ID: 890-7663-52

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/13/25 08:11	02/13/25 16:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/13/25 08:11	02/13/25 16:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/13/25 08:11	02/13/25 16:13	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/13/25 08:11	02/13/25 16:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/13/25 08:11	02/13/25 16:13	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/13/25 08:11	02/13/25 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				02/13/25 08:11	02/13/25 16:13	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/13/25 08:11	02/13/25 16:13	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			02/13/25 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 04:12	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		02/12/25 13:56	02/15/25 04:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 04:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 04:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/12/25 13:56	02/15/25 04:12	1
o-Terphenyl	85		70 - 130				02/12/25 13:56	02/15/25 04:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.92		mg/Kg			02/14/25 05:45	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-17

Lab Sample ID: 890-7663-53

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 16:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/13/25 08:11	02/13/25 16:34	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/13/25 08:11	02/13/25 16:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 04:29	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		02/12/25 13:56	02/15/25 04:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 04:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	02/12/25 13:56	02/15/25 04:29	1
o-Terphenyl	86		70 - 130	02/12/25 13:56	02/15/25 04:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		10.0		mg/Kg			02/14/25 05:54	1

Client Sample ID: SW-18

Lab Sample ID: 890-7663-54

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/25 08:11	02/13/25 16:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 16:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/25 08:11	02/13/25 16:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/13/25 08:11	02/13/25 16:54	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/13/25 08:11	02/13/25 16:54	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-18

Lab Sample ID: 890-7663-54

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 04:44	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		02/12/25 13:56	02/15/25 04:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 04:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				02/12/25 13:56	02/15/25 04:44	1
o-Terphenyl	92		70 - 130				02/12/25 13:56	02/15/25 04:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/14/25 06:22	1

Client Sample ID: SW-19

Lab Sample ID: 890-7663-55

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 18:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/13/25 08:11	02/13/25 18:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/13/25 08:11	02/13/25 18:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/15/25 05:00	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		02/12/25 13:56	02/15/25 05:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 05:00	1

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Client Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-19

Lab Sample ID: 890-7663-55

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/12/25 13:56	02/15/25 05:00	1
o-Terphenyl	83		70 - 130				02/12/25 13:56	02/15/25 05:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/14/25 06:31	1

Client Sample ID: SW-20

Lab Sample ID: 890-7663-56

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 18:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 18:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/13/25 08:11	02/13/25 18:48	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/13/25 08:11	02/13/25 18:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 05:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 05:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				02/12/25 13:56	02/15/25 05:17	1
o-Terphenyl	88		70 - 130				02/12/25 13:56	02/15/25 05:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/14/25 06:40	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-21

Lab Sample ID: 890-7663-57

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 19:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/25 08:11	02/13/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/13/25 08:11	02/13/25 19:09	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/13/25 08:11	02/13/25 19:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/13/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/25 05:32	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		02/12/25 13:56	02/15/25 05:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 05:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/25 13:56	02/15/25 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	02/12/25 13:56	02/15/25 05:32	1
o-Terphenyl	85		70 - 130	02/12/25 13:56	02/15/25 05:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/14/25 06:49	1

Client Sample ID: SW-22

Lab Sample ID: 890-7663-58

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/25 08:11	02/13/25 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 19:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/25 08:11	02/13/25 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/13/25 08:11	02/13/25 19:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/13/25 08:11	02/13/25 19:30	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-22

Lab Sample ID: 890-7663-58

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/13/25 19:30	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			02/15/25 05:48	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		02/12/25 13:56	02/15/25 05:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 05:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 05:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/12/25 13:56	02/15/25 05:48	1
o-Terphenyl	86		70 - 130				02/12/25 13:56	02/15/25 05:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/14/25 06:58	1

Client Sample ID: SW-23

Lab Sample ID: 890-7663-59

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 19:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 19:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 19:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 19:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 19:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/13/25 08:11	02/13/25 19:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/13/25 08:11	02/13/25 19:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/25 06:04	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		02/12/25 13:56	02/15/25 06:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 06:04	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-23

Lab Sample ID: 890-7663-59

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/25 13:56	02/15/25 06:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/12/25 13:56	02/15/25 06:04	1
o-Terphenyl	86		70 - 130				02/12/25 13:56	02/15/25 06:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/14/25 07:08	1

Client Sample ID: SW-24

Lab Sample ID: 890-7663-60

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 20:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 20:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 20:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 20:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:11	02/13/25 20:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:11	02/13/25 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/13/25 08:11	02/13/25 20:11	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/13/25 08:11	02/13/25 20:11	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			02/13/25 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/15/25 06:20	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		02/12/25 13:56	02/15/25 06:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 06:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/12/25 13:56	02/15/25 06:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/12/25 13:56	02/15/25 06:20	1
o-Terphenyl	87		70 - 130				02/12/25 13:56	02/15/25 06:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		9.98		mg/Kg			02/14/25 07:17	1

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Client Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-25

Lab Sample ID: 890-7663-61

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:12	02/13/25 12:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:12	02/13/25 12:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:12	02/13/25 12:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/25 08:12	02/13/25 12:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/25 08:12	02/13/25 12:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/25 08:12	02/13/25 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/13/25 08:12	02/13/25 12:56	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/13/25 08:12	02/13/25 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/13/25 12:56	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			02/13/25 11:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		02/12/25 16:58	02/13/25 11:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		02/12/25 16:58	02/13/25 11:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 16:58	02/13/25 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	02/12/25 16:58	02/13/25 11:49	1
o-Terphenyl	64	S1-	70 - 130	02/12/25 16:58	02/13/25 11:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		10.1		mg/Kg			02/13/25 15:13	1

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Surrogate Summary

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

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)
890-7663-1	CS-1	82	94
890-7663-1 MS	CS-1	109	99
890-7663-1 MSD	CS-1	106	110
890-7663-2	CS-2	92	84
890-7663-3	CS-3	87	76
890-7663-4	CS-4	88	96
890-7663-5	CS-5	90	81
890-7663-6	CS-6	91	80
890-7663-7	CS-7	99	86
890-7663-8	CS-8	90	100
890-7663-9	CS-9	98	78
890-7663-10	CS-10	90	88
890-7663-11	CS-11	95	83
890-7663-12	CS-12	91	83
890-7663-13	CS-13	91	86
890-7663-14	CS-14	98	81
890-7663-15	CS-15	101	89
890-7663-16	CS-16	96	84
890-7663-17	CS-17	95	82
890-7663-18	CS-18	95	86
890-7663-19	CS-19	93	99
890-7663-20	CS-20	91	98
890-7663-21	CS-21	109	98
890-7663-21 MS	CS-21	126	96
890-7663-21 MSD	CS-21	115	104
890-7663-22	CS-22	119	101
890-7663-23	CS-23	129	109
890-7663-24	CS-24	130	101
890-7663-25	CS-25	127	97
890-7663-26	CS-26	131 S1+	95
890-7663-27	CS-27	133 S1+	99
890-7663-28	CS-28	115	99
890-7663-29	CS-29	133 S1+	98
890-7663-30	CS-30	142 S1+	106
890-7663-31	CS-31	101	98
890-7663-32	CS-32	123	105
890-7663-33	CS-33	120	101
890-7663-34	CS-34	139 S1+	105
890-7663-35	CS-35	131 S1+	106
890-7663-36	CS-36	125	101
890-7663-37	SW-1	133 S1+	106
890-7663-38	SW-2	136 S1+	99
890-7663-39	SW-3	125	100
890-7663-40	SW-4	126	101
890-7663-41	SW-5	118	98
890-7663-42	SW-6	110	96
890-7663-43	SW-7	113	96
890-7663-44	SW-8	112	96
890-7663-45	SW-9	118	97

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Surrogate Summary

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

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)
890-7663-46	SW-10	116	98
890-7663-47	SW-11	124	99
890-7663-48	SW-12	120	97
890-7663-49	SW-13	121	99
890-7663-50	SW-14	98	97
890-7663-51	SW-15	110	106
890-7663-52	SW-16	103	103
890-7663-53	SW-17	103	102
890-7663-54	SW-18	104	101
890-7663-55	SW-19	105	98
890-7663-56	SW-20	102	103
890-7663-57	SW-21	105	104
890-7663-58	SW-22	108	102
890-7663-59	SW-23	102	101
890-7663-60	SW-24	102	103
890-7663-61	SW-25	113	93
890-7665-A-1-B MS	Matrix Spike	112	95
890-7665-A-1-C MSD	Matrix Spike Duplicate	95	94
890-7666-A-1-E MS	Matrix Spike	103	103
890-7666-A-1-F MSD	Matrix Spike Duplicate	97	99
890-7667-A-1-B MS	Matrix Spike	102	111
890-7667-A-1-C MSD	Matrix Spike Duplicate	105	110
LCS 880-102566/1-A	Lab Control Sample	110	109
LCS 880-102567/1-A	Lab Control Sample	111	100
LCS 880-102670/1-A	Lab Control Sample	108	103
LCS 880-102673/1-A	Lab Control Sample	98	103
LCS 880-102676/1-A	Lab Control Sample	99	100
LCSD 880-102566/2-A	Lab Control Sample Dup	107	87
LCSD 880-102567/2-A	Lab Control Sample Dup	108	103
LCSD 880-102670/2-A	Lab Control Sample Dup	98	102
LCSD 880-102673/2-A	Lab Control Sample Dup	98	111
LCSD 880-102676/2-A	Lab Control Sample Dup	106	97
MB 880-102566/5-A	Method Blank	83	93
MB 880-102567/5-A	Method Blank	258 S1+	133 S1+
MB 880-102670/5-A	Method Blank	114	94
MB 880-102673/5-A	Method Blank	103	95
MB 880-102676/5-A	Method Blank	95	91
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)
890-7663-1	CS-1	218 S1+	171 S1+
890-7663-1 MS	CS-1	79	68 S1-
890-7663-1 MS	CS-1	102	100

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Surrogate Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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)
890-7663-1 MSD	CS-1	79	68 S1-
890-7663-1 MSD	CS-1	104	104
890-7663-2	CS-2	72	65 S1-
890-7663-3	CS-3	75	66 S1-
890-7663-4	CS-4	74	65 S1-
890-7663-5	CS-5	78	67 S1-
890-7663-6	CS-6	75	66 S1-
890-7663-7	CS-7	73	65 S1-
890-7663-8	CS-8	73	66 S1-
890-7663-9	CS-9	71	63 S1-
890-7663-10	CS-10	241 S1+	184 S1+
890-7663-11	CS-11	75	65 S1-
890-7663-12	CS-12	71	63 S1-
890-7663-13	CS-13	73	65 S1-
890-7663-14	CS-14	71	63 S1-
890-7663-15	CS-15	257 S1+	201 S1+
890-7663-16	CS-16	246 S1+	194 S1+
890-7663-17	CS-17	71	62 S1-
890-7663-18	CS-18	71	61 S1-
890-7663-19	CS-19	261 S1+	210 S1+
890-7663-20	CS-20	71	61 S1-
890-7663-21	CS-21	111	84
890-7663-21 MS	CS-21	101	88
890-7663-21 MSD	CS-21	102	89
890-7663-22	CS-22	113	87
890-7663-23	CS-23	117	90
890-7663-24	CS-24	115	88
890-7663-25	CS-25	111	85
890-7663-26	CS-26	110	86
890-7663-27	CS-27	117	90
890-7663-28	CS-28	108	83
890-7663-29	CS-29	111	85
890-7663-30	CS-30	111	86
890-7663-31	CS-31	108	84
890-7663-32	CS-32	107	84
890-7663-33	CS-33	116	90
890-7663-34	CS-34	111	85
890-7663-35	CS-35	109	84
890-7663-36	CS-36	118	91
890-7663-37	SW-1	122	95
890-7663-38	SW-2	104	81
890-7663-39	SW-3	107	84
890-7663-40	SW-4	113	86
890-7663-41	SW-5	109	82
890-7663-41 MS	SW-5	100	86
890-7663-41 MSD	SW-5	101	89
890-7663-42	SW-6	113	86
890-7663-43	SW-7	118	91
890-7663-44	SW-8	111	83
890-7663-45	SW-9	125	95

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Surrogate Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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)
890-7663-46	SW-10	108	84
890-7663-47	SW-11	114	90
890-7663-48	SW-12	125	96
890-7663-49	SW-13	114	89
890-7663-50	SW-14	115	89
890-7663-51	SW-15	117	89
890-7663-52	SW-16	111	85
890-7663-53	SW-17	111	86
890-7663-54	SW-18	119	92
890-7663-55	SW-19	110	83
890-7663-56	SW-20	114	88
890-7663-57	SW-21	110	85
890-7663-58	SW-22	111	86
890-7663-59	SW-23	111	86
890-7663-60	SW-24	113	87
890-7663-61	SW-25	70	64 S1-
890-7663-61 MS	SW-25	66 S1-	65 S1-
890-7663-61 MSD	SW-25	68 S1-	67 S1-
LCS 880-102613/2-A	Lab Control Sample	112	121
LCS 880-102614/2-A	Lab Control Sample	176 S1+	175 S1+
LCS 880-102615/2-A	Lab Control Sample	101	86
LCS 880-102636/2-A	Lab Control Sample	82	84
LCS 880-102943/2-A	Lab Control Sample	83	76
LCSD 880-102613/3-A	Lab Control Sample Dup	112	119
LCSD 880-102614/3-A	Lab Control Sample Dup	131 S1+	121
LCSD 880-102615/3-A	Lab Control Sample Dup	104	88
LCSD 880-102636/3-A	Lab Control Sample Dup	83	85
LCSD 880-102943/3-A	Lab Control Sample Dup	86	72
MB 880-102613/1-A	Method Blank	97	91
MB 880-102614/1-A	Method Blank	145 S1+	116
MB 880-102615/1-A	Method Blank	151 S1+	121
MB 880-102636/1-A	Method Blank	108	101
MB 880-102943/1-A	Method Blank	133 S1+	98

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-102566/5-A

Matrix: Solid

Analysis Batch: 102678

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/25 10:56	02/13/25 11:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:56	02/13/25 11:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/25 10:56	02/13/25 11:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	02/12/25 10:56	02/13/25 11:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/12/25 10:56	02/13/25 11:06	1

Lab Sample ID: LCS 880-102566/1-A

Matrix: Solid

Analysis Batch: 102678

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1126		mg/Kg		113	70 - 130
Toluene	0.100	0.1132		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1243		mg/Kg		124	70 - 130
m-Xylene & p-Xylene	0.200	0.2457		mg/Kg		123	70 - 130
o-Xylene	0.100	0.1192		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-102566/2-A

Matrix: Solid

Analysis Batch: 102678

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102566

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09526		mg/Kg		95	70 - 130	17	35
Toluene	0.100	0.1070		mg/Kg		107	70 - 130	6	35
Ethylbenzene	0.100	0.1142		mg/Kg		114	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2229		mg/Kg		111	70 - 130	10	35
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 890-7663-1 MS

Matrix: Solid

Analysis Batch: 102678

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.08850		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.0998	0.09336		mg/Kg		94	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: 890-7663-1 MS

Matrix: Solid

Analysis Batch: 102678

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.08546		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1691		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09350		mg/Kg		94	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 890-7663-1 MSD

Matrix: Solid

Analysis Batch: 102678

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.09296		mg/Kg		93	70 - 130	5	35
Toluene	<0.00200	U	0.0996	0.09682		mg/Kg		97	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0996	0.1000		mg/Kg		100	70 - 130	16	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1975		mg/Kg		99	70 - 130	16	35
o-Xylene	<0.00200	U	0.0996	0.09556		mg/Kg		96	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-102567/5-A

Matrix: Solid

Analysis Batch: 102679

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 11:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/25 10:58	02/13/25 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/25 10:58	02/13/25 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/25 10:58	02/13/25 11:32	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	258	S1+	70 - 130						
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130						

Lab Sample ID: LCS 880-102567/1-A

Matrix: Solid

Analysis Batch: 102679

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1052		mg/Kg		105	70 - 130
Toluene	0.100	0.1105		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1110		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2223		mg/Kg		111	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-102567/1-A

Matrix: Solid

Analysis Batch: 102679

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1036		mg/Kg		104	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	111		70 - 130				
1,4-Difluorobenzene (Surr)	100		70 - 130				

Lab Sample ID: LCSD 880-102567/2-A

Matrix: Solid

Analysis Batch: 102679

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102567

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1104		mg/Kg		110	70 - 130	5	35
Toluene	0.100	0.1064		mg/Kg		106	70 - 130	4	35
Ethylbenzene	0.100	0.1096		mg/Kg		110	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1891		mg/Kg		95	70 - 130	16	35
o-Xylene	0.100	0.1023		mg/Kg		102	70 - 130	1	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: 890-7663-21 MS

Matrix: Solid

Analysis Batch: 102679

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 102567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09968		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.0998	0.1009		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1100		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2364		mg/Kg		118	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1112		mg/Kg		111	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	126		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: 890-7663-21 MSD

Matrix: Solid

Analysis Batch: 102679

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 102567

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0996	0.1010		mg/Kg		101	70 - 130	1	35
Toluene	<0.00200	U	0.0996	0.09476		mg/Kg		95	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0996	0.1058		mg/Kg		106	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.2181		mg/Kg		109	70 - 130	8	35
o-Xylene	<0.00200	U	0.0996	0.1022		mg/Kg		103	70 - 130	8	35

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QC Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: 890-7663-21 MSD

Matrix: Solid

Analysis Batch: 102679

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 102567

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-102670/5-A

Matrix: Solid

Analysis Batch: 102672

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102670

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 11:01	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 11:01	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 11:01	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/25 08:08	02/13/25 11:01	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:08	02/13/25 11:01	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/25 08:08	02/13/25 11:01	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				02/13/25 08:08	02/13/25 11:01	1	
1,4-Difluorobenzene (Surr)	94		70 - 130				02/13/25 08:08	02/13/25 11:01	1	

Lab Sample ID: LCS 880-102670/1-A

Matrix: Solid

Analysis Batch: 102672

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102670

Analyte	Spike	LCS	LCS						%Rec		
	Added	Result	Qualifier	Unit	D	%Rec	Limits				
Benzene	0.100	0.1089		mg/Kg		109	70 - 130				
Toluene	0.100	0.1148		mg/Kg		115	70 - 130				
Ethylbenzene	0.100	0.1045		mg/Kg		104	70 - 130				
m-Xylene & p-Xylene	0.200	0.2174		mg/Kg		109	70 - 130				
o-Xylene	0.100	0.1092		mg/Kg		109	70 - 130				

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Lab Sample ID: LCSD 880-102670/2-A

Matrix: Solid

Analysis Batch: 102672

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102670

Analyte	Spike	LCSD	LCSD						%Rec		RPD	
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD			Limit	
Benzene	0.100	0.1064		mg/Kg		106	70 - 130	2			35	
Toluene	0.100	0.1099		mg/Kg		110	70 - 130	4			35	
Ethylbenzene	0.100	0.1004		mg/Kg		100	70 - 130	4			35	
m-Xylene & p-Xylene	0.200	0.2090		mg/Kg		105	70 - 130	4			35	
o-Xylene	0.100	0.1046		mg/Kg		105	70 - 130	4			35	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	98		70 - 130									

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QC Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-102670/2-A

Matrix: Solid

Analysis Batch: 102672

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102670

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

Lab Sample ID: 890-7666-A-1-E MS

Matrix: Solid

Analysis Batch: 102672

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102670

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0998	0.09215		mg/Kg		92	70 - 130	
Toluene	<0.00200	U	0.0998	0.09334		mg/Kg		94	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.08241		mg/Kg		83	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1693		mg/Kg		85	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.08458		mg/Kg		85	70 - 130	

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

Lab Sample ID: 890-7666-A-1-F MSD

Matrix: Solid

Analysis Batch: 102672

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 102670

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.0996	0.08812		mg/Kg		88	70 - 130	4	35	
Toluene	<0.00200	U	0.0996	0.09065		mg/Kg		91	70 - 130	3	35	
Ethylbenzene	<0.00200	U	0.0996	0.08064		mg/Kg		81	70 - 130	2	35	
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1651		mg/Kg		83	70 - 130	2	35	
o-Xylene	<0.00200	U	0.0996	0.08233		mg/Kg		83	70 - 130	3	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-102673/5-A

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102673

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1	
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/25 08:11	02/13/25 11:12	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:11	02/13/25 11:12	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/25 08:11	02/13/25 11:12	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	103		70 - 130	02/13/25 08:11	02/13/25 11:12	1				
1,4-Difluorobenzene (Surr)	95		70 - 130	02/13/25 08:11	02/13/25 11:12	1				

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-102673/1-A

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1006		mg/Kg		101	70 - 130
Toluene	0.100	0.08893		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09646		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.2026		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-102673/2-A

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1104		mg/Kg		110	70 - 130	9	35
Toluene	0.100	0.09676		mg/Kg		97	70 - 130	8	35
Ethylbenzene	0.100	0.1051		mg/Kg		105	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2211		mg/Kg		111	70 - 130	9	35
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 890-7667-A-1-B MS

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1039		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.0998	0.09029		mg/Kg		90	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09742		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2049		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1015		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 890-7667-A-1-C MSD

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.1012		mg/Kg		102	70 - 130	3	35
Toluene	<0.00200	U	0.0996	0.08832		mg/Kg		89	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0996	0.09538		mg/Kg		96	70 - 130	2	35

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QC Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: 890-7667-A-1-C MSD

Matrix: Solid

Analysis Batch: 102677

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 102673

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1992		mg/Kg		100	70 - 130	3	35
o-Xylene	<0.00200	U	0.0996	0.09997		mg/Kg		100	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-102676/5-A

Matrix: Solid

Analysis Batch: 102675

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102676

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:12	02/13/25 11:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:12	02/13/25 11:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:12	02/13/25 11:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/25 08:12	02/13/25 11:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/25 08:12	02/13/25 11:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/25 08:12	02/13/25 11:12	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	95		70 - 130				02/13/25 08:12	02/13/25 11:12	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/13/25 08:12	02/13/25 11:12	1

Lab Sample ID: LCS 880-102676/1-A

Matrix: Solid

Analysis Batch: 102675

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits		
Benzene	0.100	0.1128		mg/Kg			113	70 - 130		
Toluene	0.100	0.1167		mg/Kg			117	70 - 130		
Ethylbenzene	0.100	0.1191		mg/Kg			119	70 - 130		
m-Xylene & p-Xylene	0.200	0.2220		mg/Kg			111	70 - 130		
o-Xylene	0.100	0.1168		mg/Kg			117	70 - 130		

Lab Sample ID: LCSD 880-102676/2-A

Matrix: Solid

Analysis Batch: 102675

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102676

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1145		mg/Kg		115	70 - 130	1	35
Toluene	0.100	0.1213		mg/Kg		121	70 - 130	4	35
Ethylbenzene	0.100	0.1253		mg/Kg		125	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2325		mg/Kg		116	70 - 130	5	35
o-Xylene	0.100	0.1236		mg/Kg		124	70 - 130	6	35

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QC Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-7665-A-1-B MS
Matrix: Solid
Analysis Batch: 102675Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 102676

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09209		mg/Kg		92	70 - 130
Toluene	<0.00200	U	0.0998	0.1011		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09363		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.00415		0.200	0.1759		mg/Kg		86	70 - 130
o-Xylene	0.00265		0.0998	0.09053		mg/Kg		88	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-7665-A-1-C MSD
Matrix: Solid
Analysis Batch: 102675Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 102676

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0996	0.09227		mg/Kg		93	70 - 130	0	35
Toluene	<0.00200	U	0.0996	0.09015		mg/Kg		91	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.0996	0.09519		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene	0.00415		0.199	0.1485		mg/Kg		72	70 - 130	17	35
o-Xylene	0.00265		0.0996	0.07757		mg/Kg		75	70 - 130	15	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-102613/1-A
Matrix: Solid
Analysis Batch: 102783Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/14/25 23:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/14/25 23:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:53	02/14/25 23:39	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	97		70 - 130	02/12/25 13:53	02/14/25 23:39	1			
o-Terphenyl	91		70 - 130	02/12/25 13:53	02/14/25 23:39	1			

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QC Sample Results

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea Couny NM

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

Lab Sample ID: LCS 880-102613/2-A

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102613

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1008		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1076		mg/Kg		108	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	112		70 - 130				
o-Terphenyl	121		70 - 130				

Lab Sample ID: LCSD 880-102613/3-A

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102613

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	993.6		mg/Kg		99	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1069		mg/Kg		107	70 - 130	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	119		70 - 130						

Lab Sample ID: 890-7663-1 MS

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102613

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	994	617.5	F1	mg/Kg		62	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	994	618.5	F1	mg/Kg		62	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	79		70 - 130						
o-Terphenyl	68	S1-	70 - 130						

Lab Sample ID: 890-7663-1 MSD

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102613

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	994	612.2	F1	mg/Kg		62	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	994	621.1	F1	mg/Kg		62	70 - 130	0	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: 890-7663-1 MSD

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102613

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	68	S1-	70 - 130

Lab Sample ID: MB 880-102614/1-A

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102614

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		02/12/25 13:56	02/14/25 15:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 15:21	1
Surrogate	MB	MB	Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	145	S1+	70 - 130				02/12/25 13:56	02/14/25 15:21	1
o-Terphenyl	116		70 - 130				02/12/25 13:56	02/14/25 15:21	1

Lab Sample ID: LCS 880-102614/2-A

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102614

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1342	*+	mg/Kg		134	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1509	*+	mg/Kg		151	70 - 130		
Surrogate	LCS		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	176	S1+	70 - 130								
o-Terphenyl	175	S1+	70 - 130								

Lab Sample ID: LCSD 880-102614/3-A

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102614

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1061	*1	mg/Kg		106	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	1000	1059	*1	mg/Kg		106	70 - 130	35	20
Surrogate	LCSD LCSD		Limits						
	%Recovery	Qualifier							
1-Chlorooctane	131	S1+	70 - 130						
<i>o</i> -Terphenyl	121		70 - 130						

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: 890-7663-21 MS

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 102614

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 ** *1	995	917.5		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	995	958.5		mg/Kg		96	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	101		70 - 130						
o-Terphenyl	88		70 - 130						

Lab Sample ID: 890-7663-21 MSD

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 102614

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 ** *1	995	928.0		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U ** *1	995	954.4		mg/Kg		96	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	89		70 - 130								

Lab Sample ID: MB 880-102615/1-A

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102615

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 23:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 23:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 13:56	02/14/25 23:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130				02/12/25 13:56	02/14/25 23:39	1
o-Terphenyl	121		70 - 130				02/12/25 13:56	02/14/25 23:39	1

Lab Sample ID: LCS 880-102615/2-A

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102615

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	771.4		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	1000	696.7		mg/Kg		70	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-102615/2-A

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102615

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: LCSD 880-102615/3-A

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102615

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	835.0		mg/Kg		83	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	719.7		mg/Kg		72	70 - 130	3	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	104										
o-Terphenyl	88										

Lab Sample ID: 890-7663-41 MS

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: SW-5

Prep Type: Total/NA

Prep Batch: 102615

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	946.2		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	993	922.3		mg/Kg		93	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	100										
o-Terphenyl	86										

Lab Sample ID: 890-7663-41 MSD

Matrix: Solid

Analysis Batch: 102785

Client Sample ID: SW-5

Prep Type: Total/NA

Prep Batch: 102615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	993	904.0		mg/Kg		91	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	993	926.2		mg/Kg		93	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	101										
o-Terphenyl	89										

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-102636/1-A

Matrix: Solid

Analysis Batch: 102691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/12/25 16:58	02/13/25 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/25 16:58	02/13/25 09:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/25 16:58	02/13/25 09:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/12/25 16:58	02/13/25 09:25	1
o-Terphenyl	101		70 - 130				02/12/25 16:58	02/13/25 09:25	1

Lab Sample ID: LCS 880-102636/2-A

Matrix: Solid

Analysis Batch: 102691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	993.8		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	997.2		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	82		70 - 130				
o-Terphenyl	84		70 - 130				

Lab Sample ID: LCSD 880-102636/3-A

Matrix: Solid

Analysis Batch: 102691

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102636

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	822.7		mg/Kg		82	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	846.0		mg/Kg		85	70 - 130	16	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	83		70 - 130						
o-Terphenyl	85		70 - 130						

Lab Sample ID: 890-7663-61 MS

Matrix: Solid

Analysis Batch: 102691

Client Sample ID: SW-25

Prep Type: Total/NA

Prep Batch: 102636

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 F1	998	490.8	F1	mg/Kg		49	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	535.0	F1	mg/Kg		54	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: 890-7663-61 MS

Matrix: Solid

Analysis Batch: 102691

Client Sample ID: SW-25

Prep Type: Total/NA

Prep Batch: 102636

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	66	S1-	70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: 890-7663-61 MSD

Matrix: Solid

Analysis Batch: 102691

Client Sample ID: SW-25

Prep Type: Total/NA

Prep Batch: 102636

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 F1	998	494.2	F1	mg/Kg		50	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	549.7	F1	mg/Kg		55	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	68	S1-	70 - 130								
o-Terphenyl	67	S1-	70 - 130								

Lab Sample ID: MB 880-102943/1-A

Matrix: Solid

Analysis Batch: 102924

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/25 10:52	02/17/25 09:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/25 10:52	02/17/25 09:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/25 10:52	02/17/25 09:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				02/17/25 10:52	02/17/25 09:22	1
o-Terphenyl	98		70 - 130				02/17/25 10:52	02/17/25 09:22	1

Lab Sample ID: LCS 880-102943/2-A

Matrix: Solid

Analysis Batch: 102924

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	631.9	*-	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	1000	592.2	*-	mg/Kg		59	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	83		70 - 130				
o-Terphenyl	76		70 - 130				

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-102943/3-A

Matrix: Solid

Analysis Batch: 102924

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102943

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	689.2	*-	mg/Kg		69	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	580.9	*-	mg/Kg		58	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	72		70 - 130						

Lab Sample ID: 890-7663-1 MS

Matrix: Solid

Analysis Batch: 102924

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *-	1010	796.1		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U *-	1010	908.5		mg/Kg		90	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	100		70 - 130								

Lab Sample ID: 890-7663-1 MSD

Matrix: Solid

Analysis Batch: 102924

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102943

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *-	1010	805.1		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U *-	1010	931.1		mg/Kg		93	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	104		70 - 130								
o-Terphenyl	104		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-102690/1-A

Matrix: Solid

Analysis Batch: 102709

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/25 09:03	1

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-102690/2-A

Matrix: Solid

Analysis Batch: 102709

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-102690/3-A

Matrix: Solid

Analysis Batch: 102709

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	238.0		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-54174-A-20-B MS

Matrix: Solid

Analysis Batch: 102709

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	489		253	726.1		mg/Kg		94	90 - 110

Lab Sample ID: 880-54174-A-20-C MSD

Matrix: Solid

Analysis Batch: 102709

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	489		253	742.4		mg/Kg		100	90 - 110	2	20

Lab Sample ID: MB 880-102686/1-A

Matrix: Solid

Analysis Batch: 102727

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/25 21:20	1

Lab Sample ID: LCS 880-102686/2-A

Matrix: Solid

Analysis Batch: 102727

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-102686/3-A

Matrix: Solid

Analysis Batch: 102727

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	239.8		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 890-7663-1 MS

Matrix: Solid

Analysis Batch: 102727

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	92.3		252	361.2		mg/Kg		107	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7663-1 MSD

Matrix: Solid

Analysis Batch: 102727

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	92.3		252	362.8		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-7663-11 MS

Matrix: Solid

Analysis Batch: 102727

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	24.9		249	280.9		mg/Kg		103	90 - 110		

Lab Sample ID: 890-7663-11 MSD

Matrix: Solid

Analysis Batch: 102727

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.9		249	281.2		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-102687/1-A

Matrix: Solid

Analysis Batch: 102728

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/25 20:17	1

Lab Sample ID: LCS 880-102687/2-A

Matrix: Solid

Analysis Batch: 102728

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	261.3		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-102687/3-A

Matrix: Solid

Analysis Batch: 102728

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	261.8		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-7663-21 MS

Matrix: Solid

Analysis Batch: 102728

Client Sample ID: CS-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	41.4		249	306.2		mg/Kg		106	90 - 110		

Lab Sample ID: 890-7663-21 MSD

Matrix: Solid

Analysis Batch: 102728

Client Sample ID: CS-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	41.4		249	307.6		mg/Kg		107	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7663-31 MS

Matrix: Solid

Analysis Batch: 102738

Client Sample ID: CS-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.5		252	269.6		mg/Kg		103	90 - 110

Lab Sample ID: 890-7663-31 MSD

Matrix: Solid

Analysis Batch: 102738

Client Sample ID: CS-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.5		252	269.9		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-102688/1-A

Matrix: Solid

Analysis Batch: 102738

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/14/25 02:41	1

Lab Sample ID: LCS 880-102688/2-A

Matrix: Solid

Analysis Batch: 102738

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.9		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-102688/3-A

Matrix: Solid

Analysis Batch: 102738

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	244.1		mg/Kg		98	90 - 110	4	20

Lab Sample ID: 890-7663-41 MS

Matrix: Solid

Analysis Batch: 102738

Client Sample ID: SW-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120		251	394.4		mg/Kg		109	90 - 110

Lab Sample ID: 890-7663-41 MSD

Matrix: Solid

Analysis Batch: 102738

Client Sample ID: SW-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120		251	394.6		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-7663-51 MS

Matrix: Solid

Analysis Batch: 102738

Client Sample ID: SW-15

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	28.4		249	279.2		mg/Kg		101	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea Couny NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7663-51 MSD							Client Sample ID: SW-15					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 102738												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	28.4		249	279.2		mg/Kg		101	90 - 110	0	20	

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC VOA

Prep Batch: 102566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Total/NA	Solid	5035	
890-7663-2	CS-2	Total/NA	Solid	5035	
890-7663-3	CS-3	Total/NA	Solid	5035	
890-7663-4	CS-4	Total/NA	Solid	5035	
890-7663-5	CS-5	Total/NA	Solid	5035	
890-7663-6	CS-6	Total/NA	Solid	5035	
890-7663-7	CS-7	Total/NA	Solid	5035	
890-7663-8	CS-8	Total/NA	Solid	5035	
890-7663-9	CS-9	Total/NA	Solid	5035	
890-7663-10	CS-10	Total/NA	Solid	5035	
890-7663-11	CS-11	Total/NA	Solid	5035	
890-7663-12	CS-12	Total/NA	Solid	5035	
890-7663-13	CS-13	Total/NA	Solid	5035	
890-7663-14	CS-14	Total/NA	Solid	5035	
890-7663-15	CS-15	Total/NA	Solid	5035	
890-7663-16	CS-16	Total/NA	Solid	5035	
890-7663-17	CS-17	Total/NA	Solid	5035	
890-7663-18	CS-18	Total/NA	Solid	5035	
890-7663-19	CS-19	Total/NA	Solid	5035	
890-7663-20	CS-20	Total/NA	Solid	5035	
MB 880-102566/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102566/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102566/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7663-1 MS	CS-1	Total/NA	Solid	5035	
890-7663-1 MSD	CS-1	Total/NA	Solid	5035	

Prep Batch: 102567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-21	CS-21	Total/NA	Solid	5035	
890-7663-22	CS-22	Total/NA	Solid	5035	
890-7663-23	CS-23	Total/NA	Solid	5035	
890-7663-24	CS-24	Total/NA	Solid	5035	
890-7663-25	CS-25	Total/NA	Solid	5035	
890-7663-26	CS-26	Total/NA	Solid	5035	
890-7663-27	CS-27	Total/NA	Solid	5035	
890-7663-28	CS-28	Total/NA	Solid	5035	
890-7663-29	CS-29	Total/NA	Solid	5035	
890-7663-30	CS-30	Total/NA	Solid	5035	
890-7663-31	CS-31	Total/NA	Solid	5035	
890-7663-32	CS-32	Total/NA	Solid	5035	
890-7663-33	CS-33	Total/NA	Solid	5035	
890-7663-34	CS-34	Total/NA	Solid	5035	
890-7663-35	CS-35	Total/NA	Solid	5035	
890-7663-36	CS-36	Total/NA	Solid	5035	
890-7663-37	SW-1	Total/NA	Solid	5035	
890-7663-38	SW-2	Total/NA	Solid	5035	
890-7663-39	SW-3	Total/NA	Solid	5035	
890-7663-40	SW-4	Total/NA	Solid	5035	
MB 880-102567/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102567/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102567/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea Couny NM

GC VOA (Continued)

Prep Batch: 102567 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-21 MS	CS-21	Total/NA	Solid	5035	
890-7663-21 MSD	CS-21	Total/NA	Solid	5035	

Prep Batch: 102670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-41	SW-5	Total/NA	Solid	5035	
890-7663-42	SW-6	Total/NA	Solid	5035	
890-7663-43	SW-7	Total/NA	Solid	5035	
890-7663-44	SW-8	Total/NA	Solid	5035	
890-7663-45	SW-9	Total/NA	Solid	5035	
890-7663-46	SW-10	Total/NA	Solid	5035	
890-7663-47	SW-11	Total/NA	Solid	5035	
890-7663-48	SW-12	Total/NA	Solid	5035	
890-7663-49	SW-13	Total/NA	Solid	5035	
MB 880-102670/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102670/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102670/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7666-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7666-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 102672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-41	SW-5	Total/NA	Solid	8021B	102670
890-7663-42	SW-6	Total/NA	Solid	8021B	102670
890-7663-43	SW-7	Total/NA	Solid	8021B	102670
890-7663-44	SW-8	Total/NA	Solid	8021B	102670
890-7663-45	SW-9	Total/NA	Solid	8021B	102670
890-7663-46	SW-10	Total/NA	Solid	8021B	102670
890-7663-47	SW-11	Total/NA	Solid	8021B	102670
890-7663-48	SW-12	Total/NA	Solid	8021B	102670
890-7663-49	SW-13	Total/NA	Solid	8021B	102670
MB 880-102670/5-A	Method Blank	Total/NA	Solid	8021B	102670
LCS 880-102670/1-A	Lab Control Sample	Total/NA	Solid	8021B	102670
LCSD 880-102670/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102670
890-7666-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	102670
890-7666-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	102670

Prep Batch: 102673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-50	SW-14	Total/NA	Solid	5035	
890-7663-51	SW-15	Total/NA	Solid	5035	
890-7663-52	SW-16	Total/NA	Solid	5035	
890-7663-53	SW-17	Total/NA	Solid	5035	
890-7663-54	SW-18	Total/NA	Solid	5035	
890-7663-55	SW-19	Total/NA	Solid	5035	
890-7663-56	SW-20	Total/NA	Solid	5035	
890-7663-57	SW-21	Total/NA	Solid	5035	
890-7663-58	SW-22	Total/NA	Solid	5035	
890-7663-59	SW-23	Total/NA	Solid	5035	
890-7663-60	SW-24	Total/NA	Solid	5035	
MB 880-102673/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 102673 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-102673/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102673/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7667-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7667-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 102675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-61	SW-25	Total/NA	Solid	8021B	102676
MB 880-102676/5-A	Method Blank	Total/NA	Solid	8021B	102676
LCS 880-102676/1-A	Lab Control Sample	Total/NA	Solid	8021B	102676
LCSD 880-102676/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102676
890-7665-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	102676
890-7665-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	102676

Prep Batch: 102676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-61	SW-25	Total/NA	Solid	5035	
MB 880-102676/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102676/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102676/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7665-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7665-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 102677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-50	SW-14	Total/NA	Solid	8021B	102673
890-7663-51	SW-15	Total/NA	Solid	8021B	102673
890-7663-52	SW-16	Total/NA	Solid	8021B	102673
890-7663-53	SW-17	Total/NA	Solid	8021B	102673
890-7663-54	SW-18	Total/NA	Solid	8021B	102673
890-7663-55	SW-19	Total/NA	Solid	8021B	102673
890-7663-56	SW-20	Total/NA	Solid	8021B	102673
890-7663-57	SW-21	Total/NA	Solid	8021B	102673
890-7663-58	SW-22	Total/NA	Solid	8021B	102673
890-7663-59	SW-23	Total/NA	Solid	8021B	102673
890-7663-60	SW-24	Total/NA	Solid	8021B	102673
MB 880-102673/5-A	Method Blank	Total/NA	Solid	8021B	102673
LCS 880-102673/1-A	Lab Control Sample	Total/NA	Solid	8021B	102673
LCSD 880-102673/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102673
890-7667-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	102673
890-7667-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	102673

Analysis Batch: 102678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Total/NA	Solid	8021B	102566
890-7663-2	CS-2	Total/NA	Solid	8021B	102566
890-7663-3	CS-3	Total/NA	Solid	8021B	102566
890-7663-4	CS-4	Total/NA	Solid	8021B	102566
890-7663-5	CS-5	Total/NA	Solid	8021B	102566
890-7663-6	CS-6	Total/NA	Solid	8021B	102566
890-7663-7	CS-7	Total/NA	Solid	8021B	102566

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 102678 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-8	CS-8	Total/NA	Solid	8021B	102566
890-7663-9	CS-9	Total/NA	Solid	8021B	102566
890-7663-10	CS-10	Total/NA	Solid	8021B	102566
890-7663-11	CS-11	Total/NA	Solid	8021B	102566
890-7663-12	CS-12	Total/NA	Solid	8021B	102566
890-7663-13	CS-13	Total/NA	Solid	8021B	102566
890-7663-14	CS-14	Total/NA	Solid	8021B	102566
890-7663-15	CS-15	Total/NA	Solid	8021B	102566
890-7663-16	CS-16	Total/NA	Solid	8021B	102566
890-7663-17	CS-17	Total/NA	Solid	8021B	102566
890-7663-18	CS-18	Total/NA	Solid	8021B	102566
890-7663-19	CS-19	Total/NA	Solid	8021B	102566
890-7663-20	CS-20	Total/NA	Solid	8021B	102566
MB 880-102566/5-A	Method Blank	Total/NA	Solid	8021B	102566
LCS 880-102566/1-A	Lab Control Sample	Total/NA	Solid	8021B	102566
LCSD 880-102566/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102566
890-7663-1 MS	CS-1	Total/NA	Solid	8021B	102566
890-7663-1 MSD	CS-1	Total/NA	Solid	8021B	102566

Analysis Batch: 102679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-21	CS-21	Total/NA	Solid	8021B	102567
890-7663-22	CS-22	Total/NA	Solid	8021B	102567
890-7663-23	CS-23	Total/NA	Solid	8021B	102567
890-7663-24	CS-24	Total/NA	Solid	8021B	102567
890-7663-25	CS-25	Total/NA	Solid	8021B	102567
890-7663-26	CS-26	Total/NA	Solid	8021B	102567
890-7663-27	CS-27	Total/NA	Solid	8021B	102567
890-7663-28	CS-28	Total/NA	Solid	8021B	102567
890-7663-29	CS-29	Total/NA	Solid	8021B	102567
890-7663-30	CS-30	Total/NA	Solid	8021B	102567
890-7663-31	CS-31	Total/NA	Solid	8021B	102567
890-7663-32	CS-32	Total/NA	Solid	8021B	102567
890-7663-33	CS-33	Total/NA	Solid	8021B	102567
890-7663-34	CS-34	Total/NA	Solid	8021B	102567
890-7663-35	CS-35	Total/NA	Solid	8021B	102567
890-7663-36	CS-36	Total/NA	Solid	8021B	102567
890-7663-37	SW-1	Total/NA	Solid	8021B	102567
890-7663-38	SW-2	Total/NA	Solid	8021B	102567
890-7663-39	SW-3	Total/NA	Solid	8021B	102567
890-7663-40	SW-4	Total/NA	Solid	8021B	102567
MB 880-102567/5-A	Method Blank	Total/NA	Solid	8021B	102567
LCS 880-102567/1-A	Lab Control Sample	Total/NA	Solid	8021B	102567
LCSD 880-102567/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102567
890-7663-21 MS	CS-21	Total/NA	Solid	8021B	102567
890-7663-21 MSD	CS-21	Total/NA	Solid	8021B	102567

Analysis Batch: 102723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Total/NA	Solid	Total BTEX	
890-7663-2	CS-2	Total/NA	Solid	Total BTEX	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 102723 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-3	CS-3	Total/NA	Solid	Total BTEX	
890-7663-4	CS-4	Total/NA	Solid	Total BTEX	
890-7663-5	CS-5	Total/NA	Solid	Total BTEX	
890-7663-6	CS-6	Total/NA	Solid	Total BTEX	
890-7663-7	CS-7	Total/NA	Solid	Total BTEX	
890-7663-8	CS-8	Total/NA	Solid	Total BTEX	
890-7663-9	CS-9	Total/NA	Solid	Total BTEX	
890-7663-10	CS-10	Total/NA	Solid	Total BTEX	
890-7663-11	CS-11	Total/NA	Solid	Total BTEX	
890-7663-12	CS-12	Total/NA	Solid	Total BTEX	
890-7663-13	CS-13	Total/NA	Solid	Total BTEX	
890-7663-14	CS-14	Total/NA	Solid	Total BTEX	
890-7663-15	CS-15	Total/NA	Solid	Total BTEX	
890-7663-16	CS-16	Total/NA	Solid	Total BTEX	
890-7663-17	CS-17	Total/NA	Solid	Total BTEX	
890-7663-18	CS-18	Total/NA	Solid	Total BTEX	
890-7663-19	CS-19	Total/NA	Solid	Total BTEX	
890-7663-20	CS-20	Total/NA	Solid	Total BTEX	
890-7663-21	CS-21	Total/NA	Solid	Total BTEX	
890-7663-22	CS-22	Total/NA	Solid	Total BTEX	
890-7663-23	CS-23	Total/NA	Solid	Total BTEX	
890-7663-24	CS-24	Total/NA	Solid	Total BTEX	
890-7663-25	CS-25	Total/NA	Solid	Total BTEX	
890-7663-26	CS-26	Total/NA	Solid	Total BTEX	
890-7663-27	CS-27	Total/NA	Solid	Total BTEX	
890-7663-28	CS-28	Total/NA	Solid	Total BTEX	
890-7663-29	CS-29	Total/NA	Solid	Total BTEX	
890-7663-30	CS-30	Total/NA	Solid	Total BTEX	
890-7663-31	CS-31	Total/NA	Solid	Total BTEX	
890-7663-32	CS-32	Total/NA	Solid	Total BTEX	
890-7663-33	CS-33	Total/NA	Solid	Total BTEX	
890-7663-34	CS-34	Total/NA	Solid	Total BTEX	
890-7663-35	CS-35	Total/NA	Solid	Total BTEX	
890-7663-36	CS-36	Total/NA	Solid	Total BTEX	
890-7663-37	SW-1	Total/NA	Solid	Total BTEX	
890-7663-38	SW-2	Total/NA	Solid	Total BTEX	
890-7663-39	SW-3	Total/NA	Solid	Total BTEX	
890-7663-40	SW-4	Total/NA	Solid	Total BTEX	
890-7663-41	SW-5	Total/NA	Solid	Total BTEX	
890-7663-42	SW-6	Total/NA	Solid	Total BTEX	
890-7663-43	SW-7	Total/NA	Solid	Total BTEX	
890-7663-44	SW-8	Total/NA	Solid	Total BTEX	
890-7663-45	SW-9	Total/NA	Solid	Total BTEX	
890-7663-46	SW-10	Total/NA	Solid	Total BTEX	
890-7663-47	SW-11	Total/NA	Solid	Total BTEX	
890-7663-48	SW-12	Total/NA	Solid	Total BTEX	
890-7663-49	SW-13	Total/NA	Solid	Total BTEX	
890-7663-50	SW-14	Total/NA	Solid	Total BTEX	
890-7663-51	SW-15	Total/NA	Solid	Total BTEX	
890-7663-52	SW-16	Total/NA	Solid	Total BTEX	
890-7663-53	SW-17	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 102723 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-54	SW-18	Total/NA	Solid	Total BTEX	
890-7663-55	SW-19	Total/NA	Solid	Total BTEX	
890-7663-56	SW-20	Total/NA	Solid	Total BTEX	
890-7663-57	SW-21	Total/NA	Solid	Total BTEX	
890-7663-58	SW-22	Total/NA	Solid	Total BTEX	
890-7663-59	SW-23	Total/NA	Solid	Total BTEX	
890-7663-60	SW-24	Total/NA	Solid	Total BTEX	
890-7663-61	SW-25	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 102613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-2	CS-2	Total/NA	Solid	8015NM Prep	
890-7663-3	CS-3	Total/NA	Solid	8015NM Prep	
890-7663-4	CS-4	Total/NA	Solid	8015NM Prep	
890-7663-5	CS-5	Total/NA	Solid	8015NM Prep	
890-7663-6	CS-6	Total/NA	Solid	8015NM Prep	
890-7663-7	CS-7	Total/NA	Solid	8015NM Prep	
890-7663-8	CS-8	Total/NA	Solid	8015NM Prep	
890-7663-9	CS-9	Total/NA	Solid	8015NM Prep	
890-7663-11	CS-11	Total/NA	Solid	8015NM Prep	
890-7663-12	CS-12	Total/NA	Solid	8015NM Prep	
890-7663-13	CS-13	Total/NA	Solid	8015NM Prep	
890-7663-14	CS-14	Total/NA	Solid	8015NM Prep	
890-7663-17	CS-17	Total/NA	Solid	8015NM Prep	
890-7663-18	CS-18	Total/NA	Solid	8015NM Prep	
890-7663-20	CS-20	Total/NA	Solid	8015NM Prep	
MB 880-102613/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102613/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7663-1 MS	CS-1	Total/NA	Solid	8015NM Prep	
890-7663-1 MSD	CS-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 102614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-21	CS-21	Total/NA	Solid	8015NM Prep	
890-7663-22	CS-22	Total/NA	Solid	8015NM Prep	
890-7663-23	CS-23	Total/NA	Solid	8015NM Prep	
890-7663-24	CS-24	Total/NA	Solid	8015NM Prep	
890-7663-25	CS-25	Total/NA	Solid	8015NM Prep	
890-7663-26	CS-26	Total/NA	Solid	8015NM Prep	
890-7663-27	CS-27	Total/NA	Solid	8015NM Prep	
890-7663-28	CS-28	Total/NA	Solid	8015NM Prep	
890-7663-29	CS-29	Total/NA	Solid	8015NM Prep	
890-7663-30	CS-30	Total/NA	Solid	8015NM Prep	
890-7663-31	CS-31	Total/NA	Solid	8015NM Prep	
890-7663-32	CS-32	Total/NA	Solid	8015NM Prep	
890-7663-33	CS-33	Total/NA	Solid	8015NM Prep	
890-7663-34	CS-34	Total/NA	Solid	8015NM Prep	
890-7663-35	CS-35	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 102614 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-36	CS-36	Total/NA	Solid	8015NM Prep	
890-7663-37	SW-1	Total/NA	Solid	8015NM Prep	
890-7663-38	SW-2	Total/NA	Solid	8015NM Prep	
890-7663-39	SW-3	Total/NA	Solid	8015NM Prep	
890-7663-40	SW-4	Total/NA	Solid	8015NM Prep	
MB 880-102614/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102614/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102614/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7663-21 MS	CS-21	Total/NA	Solid	8015NM Prep	
890-7663-21 MSD	CS-21	Total/NA	Solid	8015NM Prep	

Prep Batch: 102615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-41	SW-5	Total/NA	Solid	8015NM Prep	
890-7663-42	SW-6	Total/NA	Solid	8015NM Prep	
890-7663-43	SW-7	Total/NA	Solid	8015NM Prep	
890-7663-44	SW-8	Total/NA	Solid	8015NM Prep	
890-7663-45	SW-9	Total/NA	Solid	8015NM Prep	
890-7663-46	SW-10	Total/NA	Solid	8015NM Prep	
890-7663-47	SW-11	Total/NA	Solid	8015NM Prep	
890-7663-48	SW-12	Total/NA	Solid	8015NM Prep	
890-7663-49	SW-13	Total/NA	Solid	8015NM Prep	
890-7663-50	SW-14	Total/NA	Solid	8015NM Prep	
890-7663-51	SW-15	Total/NA	Solid	8015NM Prep	
890-7663-52	SW-16	Total/NA	Solid	8015NM Prep	
890-7663-53	SW-17	Total/NA	Solid	8015NM Prep	
890-7663-54	SW-18	Total/NA	Solid	8015NM Prep	
890-7663-55	SW-19	Total/NA	Solid	8015NM Prep	
890-7663-56	SW-20	Total/NA	Solid	8015NM Prep	
890-7663-57	SW-21	Total/NA	Solid	8015NM Prep	
890-7663-58	SW-22	Total/NA	Solid	8015NM Prep	
890-7663-59	SW-23	Total/NA	Solid	8015NM Prep	
890-7663-60	SW-24	Total/NA	Solid	8015NM Prep	
MB 880-102615/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102615/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102615/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7663-41 MS	SW-5	Total/NA	Solid	8015NM Prep	
890-7663-41 MSD	SW-5	Total/NA	Solid	8015NM Prep	

Prep Batch: 102636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-61	SW-25	Total/NA	Solid	8015NM Prep	
MB 880-102636/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102636/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7663-61 MS	SW-25	Total/NA	Solid	8015NM Prep	
890-7663-61 MSD	SW-25	Total/NA	Solid	8015NM Prep	

Analysis Batch: 102691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-61	SW-25	Total/NA	Solid	8015B NM	102636

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 102691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-102636/1-A	Method Blank	Total/NA	Solid	8015B NM	102636
LCS 880-102636/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102636
LCSD 880-102636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102636
890-7663-61 MS	SW-25	Total/NA	Solid	8015B NM	102636
890-7663-61 MSD	SW-25	Total/NA	Solid	8015B NM	102636

Analysis Batch: 102735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Total/NA	Solid	8015 NM	
890-7663-2	CS-2	Total/NA	Solid	8015 NM	
890-7663-3	CS-3	Total/NA	Solid	8015 NM	
890-7663-4	CS-4	Total/NA	Solid	8015 NM	
890-7663-5	CS-5	Total/NA	Solid	8015 NM	
890-7663-6	CS-6	Total/NA	Solid	8015 NM	
890-7663-7	CS-7	Total/NA	Solid	8015 NM	
890-7663-8	CS-8	Total/NA	Solid	8015 NM	
890-7663-9	CS-9	Total/NA	Solid	8015 NM	
890-7663-10	CS-10	Total/NA	Solid	8015 NM	
890-7663-11	CS-11	Total/NA	Solid	8015 NM	
890-7663-12	CS-12	Total/NA	Solid	8015 NM	
890-7663-13	CS-13	Total/NA	Solid	8015 NM	
890-7663-14	CS-14	Total/NA	Solid	8015 NM	
890-7663-15	CS-15	Total/NA	Solid	8015 NM	
890-7663-16	CS-16	Total/NA	Solid	8015 NM	
890-7663-17	CS-17	Total/NA	Solid	8015 NM	
890-7663-18	CS-18	Total/NA	Solid	8015 NM	
890-7663-19	CS-19	Total/NA	Solid	8015 NM	
890-7663-20	CS-20	Total/NA	Solid	8015 NM	
890-7663-21	CS-21	Total/NA	Solid	8015 NM	
890-7663-22	CS-22	Total/NA	Solid	8015 NM	
890-7663-23	CS-23	Total/NA	Solid	8015 NM	
890-7663-24	CS-24	Total/NA	Solid	8015 NM	
890-7663-25	CS-25	Total/NA	Solid	8015 NM	
890-7663-26	CS-26	Total/NA	Solid	8015 NM	
890-7663-27	CS-27	Total/NA	Solid	8015 NM	
890-7663-28	CS-28	Total/NA	Solid	8015 NM	
890-7663-29	CS-29	Total/NA	Solid	8015 NM	
890-7663-30	CS-30	Total/NA	Solid	8015 NM	
890-7663-31	CS-31	Total/NA	Solid	8015 NM	
890-7663-32	CS-32	Total/NA	Solid	8015 NM	
890-7663-33	CS-33	Total/NA	Solid	8015 NM	
890-7663-34	CS-34	Total/NA	Solid	8015 NM	
890-7663-35	CS-35	Total/NA	Solid	8015 NM	
890-7663-36	CS-36	Total/NA	Solid	8015 NM	
890-7663-37	SW-1	Total/NA	Solid	8015 NM	
890-7663-38	SW-2	Total/NA	Solid	8015 NM	
890-7663-39	SW-3	Total/NA	Solid	8015 NM	
890-7663-40	SW-4	Total/NA	Solid	8015 NM	
890-7663-41	SW-5	Total/NA	Solid	8015 NM	
890-7663-42	SW-6	Total/NA	Solid	8015 NM	
890-7663-43	SW-7	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 102735 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-44	SW-8	Total/NA	Solid	8015 NM	
890-7663-45	SW-9	Total/NA	Solid	8015 NM	
890-7663-46	SW-10	Total/NA	Solid	8015 NM	
890-7663-47	SW-11	Total/NA	Solid	8015 NM	
890-7663-48	SW-12	Total/NA	Solid	8015 NM	
890-7663-49	SW-13	Total/NA	Solid	8015 NM	
890-7663-50	SW-14	Total/NA	Solid	8015 NM	
890-7663-51	SW-15	Total/NA	Solid	8015 NM	
890-7663-52	SW-16	Total/NA	Solid	8015 NM	
890-7663-53	SW-17	Total/NA	Solid	8015 NM	
890-7663-54	SW-18	Total/NA	Solid	8015 NM	
890-7663-55	SW-19	Total/NA	Solid	8015 NM	
890-7663-56	SW-20	Total/NA	Solid	8015 NM	
890-7663-57	SW-21	Total/NA	Solid	8015 NM	
890-7663-58	SW-22	Total/NA	Solid	8015 NM	
890-7663-59	SW-23	Total/NA	Solid	8015 NM	
890-7663-60	SW-24	Total/NA	Solid	8015 NM	
890-7663-61	SW-25	Total/NA	Solid	8015 NM	

Analysis Batch: 102783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-2	CS-2	Total/NA	Solid	8015B NM	102613
890-7663-3	CS-3	Total/NA	Solid	8015B NM	102613
890-7663-4	CS-4	Total/NA	Solid	8015B NM	102613
890-7663-5	CS-5	Total/NA	Solid	8015B NM	102613
890-7663-6	CS-6	Total/NA	Solid	8015B NM	102613
890-7663-7	CS-7	Total/NA	Solid	8015B NM	102613
890-7663-8	CS-8	Total/NA	Solid	8015B NM	102613
890-7663-9	CS-9	Total/NA	Solid	8015B NM	102613
890-7663-11	CS-11	Total/NA	Solid	8015B NM	102613
890-7663-12	CS-12	Total/NA	Solid	8015B NM	102613
890-7663-13	CS-13	Total/NA	Solid	8015B NM	102613
890-7663-14	CS-14	Total/NA	Solid	8015B NM	102613
890-7663-17	CS-17	Total/NA	Solid	8015B NM	102613
890-7663-18	CS-18	Total/NA	Solid	8015B NM	102613
890-7663-20	CS-20	Total/NA	Solid	8015B NM	102613
MB 880-102613/1-A	Method Blank	Total/NA	Solid	8015B NM	102613
LCS 880-102613/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102613
LCSD 880-102613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102613
890-7663-1 MS	CS-1	Total/NA	Solid	8015B NM	102613
890-7663-1 MSD	CS-1	Total/NA	Solid	8015B NM	102613

Analysis Batch: 102785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-21	CS-21	Total/NA	Solid	8015B NM	102614
890-7663-22	CS-22	Total/NA	Solid	8015B NM	102614
890-7663-23	CS-23	Total/NA	Solid	8015B NM	102614
890-7663-24	CS-24	Total/NA	Solid	8015B NM	102614
890-7663-25	CS-25	Total/NA	Solid	8015B NM	102614
890-7663-26	CS-26	Total/NA	Solid	8015B NM	102614
890-7663-27	CS-27	Total/NA	Solid	8015B NM	102614

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 102785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-28	CS-28	Total/NA	Solid	8015B NM	102614
890-7663-29	CS-29	Total/NA	Solid	8015B NM	102614
890-7663-30	CS-30	Total/NA	Solid	8015B NM	102614
890-7663-31	CS-31	Total/NA	Solid	8015B NM	102614
890-7663-32	CS-32	Total/NA	Solid	8015B NM	102614
890-7663-33	CS-33	Total/NA	Solid	8015B NM	102614
890-7663-34	CS-34	Total/NA	Solid	8015B NM	102614
890-7663-35	CS-35	Total/NA	Solid	8015B NM	102614
890-7663-36	CS-36	Total/NA	Solid	8015B NM	102614
890-7663-37	SW-1	Total/NA	Solid	8015B NM	102614
890-7663-38	SW-2	Total/NA	Solid	8015B NM	102614
890-7663-39	SW-3	Total/NA	Solid	8015B NM	102614
890-7663-40	SW-4	Total/NA	Solid	8015B NM	102614
890-7663-41	SW-5	Total/NA	Solid	8015B NM	102615
890-7663-42	SW-6	Total/NA	Solid	8015B NM	102615
890-7663-43	SW-7	Total/NA	Solid	8015B NM	102615
890-7663-44	SW-8	Total/NA	Solid	8015B NM	102615
890-7663-45	SW-9	Total/NA	Solid	8015B NM	102615
890-7663-46	SW-10	Total/NA	Solid	8015B NM	102615
890-7663-47	SW-11	Total/NA	Solid	8015B NM	102615
890-7663-48	SW-12	Total/NA	Solid	8015B NM	102615
890-7663-49	SW-13	Total/NA	Solid	8015B NM	102615
890-7663-50	SW-14	Total/NA	Solid	8015B NM	102615
890-7663-51	SW-15	Total/NA	Solid	8015B NM	102615
890-7663-52	SW-16	Total/NA	Solid	8015B NM	102615
890-7663-53	SW-17	Total/NA	Solid	8015B NM	102615
890-7663-54	SW-18	Total/NA	Solid	8015B NM	102615
890-7663-55	SW-19	Total/NA	Solid	8015B NM	102615
890-7663-56	SW-20	Total/NA	Solid	8015B NM	102615
890-7663-57	SW-21	Total/NA	Solid	8015B NM	102615
890-7663-58	SW-22	Total/NA	Solid	8015B NM	102615
890-7663-59	SW-23	Total/NA	Solid	8015B NM	102615
890-7663-60	SW-24	Total/NA	Solid	8015B NM	102615
MB 880-102614/1-A	Method Blank	Total/NA	Solid	8015B NM	102614
MB 880-102615/1-A	Method Blank	Total/NA	Solid	8015B NM	102615
LCS 880-102614/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102614
LCS 880-102615/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102615
LCSD 880-102614/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102614
LCSD 880-102615/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102615
890-7663-21 MS	CS-21	Total/NA	Solid	8015B NM	102614
890-7663-21 MSD	CS-21	Total/NA	Solid	8015B NM	102614
890-7663-41 MS	SW-5	Total/NA	Solid	8015B NM	102615
890-7663-41 MSD	SW-5	Total/NA	Solid	8015B NM	102615

Analysis Batch: 102924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Total/NA	Solid	8015B NM	102943
890-7663-10	CS-10	Total/NA	Solid	8015B NM	102943
890-7663-15	CS-15	Total/NA	Solid	8015B NM	102943
890-7663-16	CS-16	Total/NA	Solid	8015B NM	102943
890-7663-19	CS-19	Total/NA	Solid	8015B NM	102943

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QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 102924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-102943/1-A	Method Blank	Total/NA	Solid	8015B NM	102943
LCS 880-102943/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102943
LCSD 880-102943/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102943
890-7663-1 MS	CS-1	Total/NA	Solid	8015B NM	102943
890-7663-1 MSD	CS-1	Total/NA	Solid	8015B NM	102943

Prep Batch: 102943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Total/NA	Solid	8015NM Prep	
890-7663-10	CS-10	Total/NA	Solid	8015NM Prep	
890-7663-15	CS-15	Total/NA	Solid	8015NM Prep	
890-7663-16	CS-16	Total/NA	Solid	8015NM Prep	
890-7663-19	CS-19	Total/NA	Solid	8015NM Prep	
MB 880-102943/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102943/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102943/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7663-1 MS	CS-1	Total/NA	Solid	8015NM Prep	
890-7663-1 MSD	CS-1	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 102686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Soluble	Solid	DI Leach	
890-7663-2	CS-2	Soluble	Solid	DI Leach	
890-7663-3	CS-3	Soluble	Solid	DI Leach	
890-7663-4	CS-4	Soluble	Solid	DI Leach	
890-7663-5	CS-5	Soluble	Solid	DI Leach	
890-7663-6	CS-6	Soluble	Solid	DI Leach	
890-7663-7	CS-7	Soluble	Solid	DI Leach	
890-7663-8	CS-8	Soluble	Solid	DI Leach	
890-7663-9	CS-9	Soluble	Solid	DI Leach	
890-7663-10	CS-10	Soluble	Solid	DI Leach	
890-7663-11	CS-11	Soluble	Solid	DI Leach	
890-7663-12	CS-12	Soluble	Solid	DI Leach	
890-7663-13	CS-13	Soluble	Solid	DI Leach	
890-7663-14	CS-14	Soluble	Solid	DI Leach	
890-7663-15	CS-15	Soluble	Solid	DI Leach	
890-7663-16	CS-16	Soluble	Solid	DI Leach	
890-7663-17	CS-17	Soluble	Solid	DI Leach	
890-7663-18	CS-18	Soluble	Solid	DI Leach	
890-7663-19	CS-19	Soluble	Solid	DI Leach	
890-7663-20	CS-20	Soluble	Solid	DI Leach	
MB 880-102686/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102686/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102686/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7663-1 MS	CS-1	Soluble	Solid	DI Leach	
890-7663-1 MSD	CS-1	Soluble	Solid	DI Leach	
890-7663-11 MS	CS-11	Soluble	Solid	DI Leach	
890-7663-11 MSD	CS-11	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

HPLC/IC

Leach Batch: 102687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-21	CS-21	Soluble	Solid	DI Leach	
890-7663-22	CS-22	Soluble	Solid	DI Leach	
890-7663-23	CS-23	Soluble	Solid	DI Leach	
890-7663-24	CS-24	Soluble	Solid	DI Leach	
890-7663-25	CS-25	Soluble	Solid	DI Leach	
890-7663-26	CS-26	Soluble	Solid	DI Leach	
890-7663-27	CS-27	Soluble	Solid	DI Leach	
890-7663-28	CS-28	Soluble	Solid	DI Leach	
890-7663-29	CS-29	Soluble	Solid	DI Leach	
890-7663-30	CS-30	Soluble	Solid	DI Leach	
890-7663-31	CS-31	Soluble	Solid	DI Leach	
890-7663-32	CS-32	Soluble	Solid	DI Leach	
890-7663-33	CS-33	Soluble	Solid	DI Leach	
890-7663-34	CS-34	Soluble	Solid	DI Leach	
890-7663-35	CS-35	Soluble	Solid	DI Leach	
890-7663-36	CS-36	Soluble	Solid	DI Leach	
890-7663-37	SW-1	Soluble	Solid	DI Leach	
890-7663-38	SW-2	Soluble	Solid	DI Leach	
890-7663-39	SW-3	Soluble	Solid	DI Leach	
890-7663-40	SW-4	Soluble	Solid	DI Leach	
MB 880-102687/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102687/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102687/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7663-21 MS	CS-21	Soluble	Solid	DI Leach	
890-7663-21 MSD	CS-21	Soluble	Solid	DI Leach	
890-7663-31 MS	CS-31	Soluble	Solid	DI Leach	
890-7663-31 MSD	CS-31	Soluble	Solid	DI Leach	

Leach Batch: 102688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-41	SW-5	Soluble	Solid	DI Leach	
890-7663-42	SW-6	Soluble	Solid	DI Leach	
890-7663-43	SW-7	Soluble	Solid	DI Leach	
890-7663-44	SW-8	Soluble	Solid	DI Leach	
890-7663-45	SW-9	Soluble	Solid	DI Leach	
890-7663-46	SW-10	Soluble	Solid	DI Leach	
890-7663-47	SW-11	Soluble	Solid	DI Leach	
890-7663-48	SW-12	Soluble	Solid	DI Leach	
890-7663-49	SW-13	Soluble	Solid	DI Leach	
890-7663-50	SW-14	Soluble	Solid	DI Leach	
890-7663-51	SW-15	Soluble	Solid	DI Leach	
890-7663-52	SW-16	Soluble	Solid	DI Leach	
890-7663-53	SW-17	Soluble	Solid	DI Leach	
890-7663-54	SW-18	Soluble	Solid	DI Leach	
890-7663-55	SW-19	Soluble	Solid	DI Leach	
890-7663-56	SW-20	Soluble	Solid	DI Leach	
890-7663-57	SW-21	Soluble	Solid	DI Leach	
890-7663-58	SW-22	Soluble	Solid	DI Leach	
890-7663-59	SW-23	Soluble	Solid	DI Leach	
890-7663-60	SW-24	Soluble	Solid	DI Leach	
MB 880-102688/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 102688 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-102688/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102688/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7663-41 MS	SW-5	Soluble	Solid	DI Leach	
890-7663-41 MSD	SW-5	Soluble	Solid	DI Leach	
890-7663-51 MS	SW-15	Soluble	Solid	DI Leach	
890-7663-51 MSD	SW-15	Soluble	Solid	DI Leach	

Leach Batch: 102690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-61	SW-25	Soluble	Solid	DI Leach	
MB 880-102690/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102690/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102690/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-54174-A-20-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-54174-A-20-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 102709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-61	SW-25	Soluble	Solid	300.0	102690
MB 880-102690/1-A	Method Blank	Soluble	Solid	300.0	102690
LCS 880-102690/2-A	Lab Control Sample	Soluble	Solid	300.0	102690
LCSD 880-102690/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102690
880-54174-A-20-B MS	Matrix Spike	Soluble	Solid	300.0	102690
880-54174-A-20-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	102690

Analysis Batch: 102727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1	CS-1	Soluble	Solid	300.0	102686
890-7663-2	CS-2	Soluble	Solid	300.0	102686
890-7663-3	CS-3	Soluble	Solid	300.0	102686
890-7663-4	CS-4	Soluble	Solid	300.0	102686
890-7663-5	CS-5	Soluble	Solid	300.0	102686
890-7663-6	CS-6	Soluble	Solid	300.0	102686
890-7663-7	CS-7	Soluble	Solid	300.0	102686
890-7663-8	CS-8	Soluble	Solid	300.0	102686
890-7663-9	CS-9	Soluble	Solid	300.0	102686
890-7663-10	CS-10	Soluble	Solid	300.0	102686
890-7663-11	CS-11	Soluble	Solid	300.0	102686
890-7663-12	CS-12	Soluble	Solid	300.0	102686
890-7663-13	CS-13	Soluble	Solid	300.0	102686
890-7663-14	CS-14	Soluble	Solid	300.0	102686
890-7663-15	CS-15	Soluble	Solid	300.0	102686
890-7663-16	CS-16	Soluble	Solid	300.0	102686
890-7663-17	CS-17	Soluble	Solid	300.0	102686
890-7663-18	CS-18	Soluble	Solid	300.0	102686
890-7663-19	CS-19	Soluble	Solid	300.0	102686
890-7663-20	CS-20	Soluble	Solid	300.0	102686
MB 880-102686/1-A	Method Blank	Soluble	Solid	300.0	102686
LCS 880-102686/2-A	Lab Control Sample	Soluble	Solid	300.0	102686
LCSD 880-102686/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102686
890-7663-1 MS	CS-1	Soluble	Solid	300.0	102686

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 102727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-1 MSD	CS-1	Soluble	Solid	300.0	102686
890-7663-11 MS	CS-11	Soluble	Solid	300.0	102686
890-7663-11 MSD	CS-11	Soluble	Solid	300.0	102686

Analysis Batch: 102728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-21	CS-21	Soluble	Solid	300.0	102687
890-7663-22	CS-22	Soluble	Solid	300.0	102687
890-7663-23	CS-23	Soluble	Solid	300.0	102687
890-7663-24	CS-24	Soluble	Solid	300.0	102687
890-7663-25	CS-25	Soluble	Solid	300.0	102687
890-7663-26	CS-26	Soluble	Solid	300.0	102687
890-7663-27	CS-27	Soluble	Solid	300.0	102687
890-7663-28	CS-28	Soluble	Solid	300.0	102687
890-7663-29	CS-29	Soluble	Solid	300.0	102687
890-7663-30	CS-30	Soluble	Solid	300.0	102687
890-7663-31	CS-31	Soluble	Solid	300.0	102687
890-7663-32	CS-32	Soluble	Solid	300.0	102687
890-7663-33	CS-33	Soluble	Solid	300.0	102687
890-7663-34	CS-34	Soluble	Solid	300.0	102687
890-7663-35	CS-35	Soluble	Solid	300.0	102687
890-7663-36	CS-36	Soluble	Solid	300.0	102687
890-7663-37	SW-1	Soluble	Solid	300.0	102687
890-7663-38	SW-2	Soluble	Solid	300.0	102687
890-7663-39	SW-3	Soluble	Solid	300.0	102687
890-7663-40	SW-4	Soluble	Solid	300.0	102687
MB 880-102687/1-A	Method Blank	Soluble	Solid	300.0	102687
LCS 880-102687/2-A	Lab Control Sample	Soluble	Solid	300.0	102687
LCSD 880-102687/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102687
890-7663-21 MS	CS-21	Soluble	Solid	300.0	102687
890-7663-21 MSD	CS-21	Soluble	Solid	300.0	102687
890-7663-31 MS	CS-31	Soluble	Solid	300.0	102687
890-7663-31 MSD	CS-31	Soluble	Solid	300.0	102687

Analysis Batch: 102738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-41	SW-5	Soluble	Solid	300.0	102688
890-7663-42	SW-6	Soluble	Solid	300.0	102688
890-7663-43	SW-7	Soluble	Solid	300.0	102688
890-7663-44	SW-8	Soluble	Solid	300.0	102688
890-7663-45	SW-9	Soluble	Solid	300.0	102688
890-7663-46	SW-10	Soluble	Solid	300.0	102688
890-7663-47	SW-11	Soluble	Solid	300.0	102688
890-7663-48	SW-12	Soluble	Solid	300.0	102688
890-7663-49	SW-13	Soluble	Solid	300.0	102688
890-7663-50	SW-14	Soluble	Solid	300.0	102688
890-7663-51	SW-15	Soluble	Solid	300.0	102688
890-7663-52	SW-16	Soluble	Solid	300.0	102688
890-7663-53	SW-17	Soluble	Solid	300.0	102688
890-7663-54	SW-18	Soluble	Solid	300.0	102688
890-7663-55	SW-19	Soluble	Solid	300.0	102688

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 102738 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7663-56	SW-20	Soluble	Solid	300.0	102688
890-7663-57	SW-21	Soluble	Solid	300.0	102688
890-7663-58	SW-22	Soluble	Solid	300.0	102688
890-7663-59	SW-23	Soluble	Solid	300.0	102688
890-7663-60	SW-24	Soluble	Solid	300.0	102688
MB 880-102688/1-A	Method Blank	Soluble	Solid	300.0	102688
LCS 880-102688/2-A	Lab Control Sample	Soluble	Solid	300.0	102688
LCSD 880-102688/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102688
890-7663-41 MS	SW-5	Soluble	Solid	300.0	102688
890-7663-41 MSD	SW-5	Soluble	Solid	300.0	102688
890-7663-51 MS	SW-15	Soluble	Solid	300.0	102688
890-7663-51 MSD	SW-15	Soluble	Solid	300.0	102688

Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-1

Lab Sample ID: 890-7663-1

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 11:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 11:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/17/25 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102943	02/17/25 10:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102924	02/17/25 11:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 21:48	CH	EET MID

Client Sample ID: CS-2

Lab Sample ID: 890-7663-2

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 11:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 11:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 01:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 01:15	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 22:15	CH	EET MID

Client Sample ID: CS-3

Lab Sample ID: 890-7663-3

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 12:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 01:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 01:31	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 22:24	CH	EET MID

Client Sample ID: CS-4

Lab Sample ID: 890-7663-4

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 12:29	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-4

Lab Sample ID: 890-7663-4

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			102735	02/15/25 01:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 01:48	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 22:33	CH	EET MID

Client Sample ID: CS-5

Lab Sample ID: 890-7663-5

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 12:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 02:03	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 22:43	CH	EET MID

Client Sample ID: CS-6

Lab Sample ID: 890-7663-6

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 13:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 02:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 23:10	CH	EET MID

Client Sample ID: CS-7

Lab Sample ID: 890-7663-7

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 13:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 02:36	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-7**Lab Sample ID: 890-7663-7****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 23:19	CH	EET MID

Client Sample ID: CS-8**Lab Sample ID: 890-7663-8****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 13:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 02:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 23:29	CH	EET MID

Client Sample ID: CS-9**Lab Sample ID: 890-7663-9****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 03:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 03:08	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 23:38	CH	EET MID

Client Sample ID: CS-10**Lab Sample ID: 890-7663-10****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 14:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/17/25 13:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102943	02/17/25 10:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102924	02/17/25 13:54	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 23:47	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-11

Lab Sample ID: 890-7663-11

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 15:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 15:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 03:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 03:56	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/13/25 23:56	CH	EET MID

Client Sample ID: CS-12

Lab Sample ID: 890-7663-12

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 16:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 04:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 04:12	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 00:24	CH	EET MID

Client Sample ID: CS-13

Lab Sample ID: 890-7663-13

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 16:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 16:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 04:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 04:29	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 00:33	CH	EET MID

Client Sample ID: CS-14

Lab Sample ID: 890-7663-14

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 16:57	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-14**Lab Sample ID: 890-7663-14****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			102735	02/15/25 04:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 04:44	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 01:00	CH	EET MID

Client Sample ID: CS-15**Lab Sample ID: 890-7663-15****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 17:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 17:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/17/25 14:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	102943	02/17/25 10:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102924	02/17/25 14:10	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 01:10	CH	EET MID

Client Sample ID: CS-16**Lab Sample ID: 890-7663-16****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 17:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 17:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/17/25 14:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	102943	02/17/25 10:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102924	02/17/25 14:26	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 01:19	CH	EET MID

Client Sample ID: CS-17**Lab Sample ID: 890-7663-17****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 17:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 17:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 05:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 05:32	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-17**Lab Sample ID: 890-7663-17****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 01:28	CH	EET MID

Client Sample ID: CS-18**Lab Sample ID: 890-7663-18****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 18:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 05:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 05:48	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 01:37	CH	EET MID

Client Sample ID: CS-19**Lab Sample ID: 890-7663-19****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/17/25 14:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	102943	02/17/25 10:53	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102924	02/17/25 14:42	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 01:46	CH	EET MID

Client Sample ID: CS-20**Lab Sample ID: 890-7663-20****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	102566	02/12/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102678	02/13/25 19:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 06:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102613	02/12/25 13:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/15/25 06:20	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102686	02/13/25 09:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102727	02/14/25 01:55	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-21

Lab Sample ID: 890-7663-21

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 12:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 16:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 16:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 20:35	CH	EET MID

Client Sample ID: CS-22

Lab Sample ID: 890-7663-22

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 12:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 12:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 17:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 17:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 20:54	CH	EET MID

Client Sample ID: CS-23

Lab Sample ID: 890-7663-23

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 12:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 17:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 17:29	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:00	CH	EET MID

Client Sample ID: CS-24

Lab Sample ID: 890-7663-24

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 13:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 13:02	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-24**Lab Sample ID: 890-7663-24****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			102735	02/14/25 17:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 17:45	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:06	CH	EET MID

Client Sample ID: CS-25**Lab Sample ID: 890-7663-25****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 13:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 18:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 18:01	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:12	CH	EET MID

Client Sample ID: CS-26**Lab Sample ID: 890-7663-26****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 13:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 13:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 18:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 18:18	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:30	CH	EET MID

Client Sample ID: CS-27**Lab Sample ID: 890-7663-27****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 14:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 18:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 18:34	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-27**Lab Sample ID: 890-7663-27****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:36	CH	EET MID

Client Sample ID: CS-28**Lab Sample ID: 890-7663-28****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 14:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 18:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 18:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:43	CH	EET MID

Client Sample ID: CS-29**Lab Sample ID: 890-7663-29****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 14:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 19:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 19:06	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:49	CH	EET MID

Client Sample ID: CS-30**Lab Sample ID: 890-7663-30****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 15:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 15:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 19:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 19:22	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 21:55	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-31

Lab Sample ID: 890-7663-31

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 16:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 19:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 19:54	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 22:01	CH	EET MID

Client Sample ID: CS-32

Lab Sample ID: 890-7663-32

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 17:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 20:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 20:11	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 22:19	CH	EET MID

Client Sample ID: CS-33

Lab Sample ID: 890-7663-33

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 17:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 20:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 20:26	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 22:25	CH	EET MID

Client Sample ID: CS-34

Lab Sample ID: 890-7663-34

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 17:56	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: CS-34

Lab Sample ID: 890-7663-34

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			102735	02/14/25 20:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 20:42	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 22:44	CH	EET MID

Client Sample ID: CS-35

Lab Sample ID: 890-7663-35

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 20:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 20:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 22:50	CH	EET MID

Client Sample ID: CS-36

Lab Sample ID: 890-7663-36

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 21:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 21:15	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 22:56	CH	EET MID

Client Sample ID: SW-1

Lab Sample ID: 890-7663-37

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 21:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 21:31	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-1

Lab Sample ID: 890-7663-37

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 23:02	CH	EET MID

Client Sample ID: SW-2

Lab Sample ID: 890-7663-38

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 21:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 21:47	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 23:08	CH	EET MID

Client Sample ID: SW-3

Lab Sample ID: 890-7663-39

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 19:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 22:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 22:02	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	102728	02/13/25 23:14	CH	EET MID

Client Sample ID: SW-4

Lab Sample ID: 890-7663-40

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	102567	02/12/25 10:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102679	02/13/25 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/14/25 22:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102614	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/14/25 22:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102687	02/13/25 09:04	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102728	02/13/25 23:20	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-5

Lab Sample ID: 890-7663-41

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 18:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 00:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 00:27	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 03:09	CH	EET MID

Client Sample ID: SW-6

Lab Sample ID: 890-7663-42

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 18:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 01:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 01:15	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 03:36	CH	EET MID

Client Sample ID: SW-7

Lab Sample ID: 890-7663-43

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 01:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 01:31	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 03:45	CH	EET MID

Client Sample ID: SW-8

Lab Sample ID: 890-7663-44

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:09	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-8

Lab Sample ID: 890-7663-44

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			102735	02/15/25 01:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 01:48	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 03:55	CH	EET MID

Client Sample ID: SW-9

Lab Sample ID: 890-7663-45

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 02:03	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 04:04	CH	EET MID

Client Sample ID: SW-10

Lab Sample ID: 890-7663-46

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 19:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 02:19	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 04:32	CH	EET MID

Client Sample ID: SW-11

Lab Sample ID: 890-7663-47

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 20:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 02:36	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-11**Lab Sample ID: 890-7663-47****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 04:41	CH	EET MID

Client Sample ID: SW-12**Lab Sample ID: 890-7663-48****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 20:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 20:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 02:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 02:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 04:50	CH	EET MID

Client Sample ID: SW-13**Lab Sample ID: 890-7663-49****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	102670	02/13/25 08:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102672	02/13/25 20:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 20:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 03:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 03:08	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 04:59	CH	EET MID

Client Sample ID: SW-14**Lab Sample ID: 890-7663-50****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 15:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 15:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 03:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 03:24	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 05:08	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-15**Lab Sample ID: 890-7663-51****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 15:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 15:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 03:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 03:56	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 05:17	CH	EET MID

Client Sample ID: SW-16**Lab Sample ID: 890-7663-52****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 16:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 16:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 04:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 04:12	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 05:45	CH	EET MID

Client Sample ID: SW-17**Lab Sample ID: 890-7663-53****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 16:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 16:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 04:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 04:29	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 05:54	CH	EET MID

Client Sample ID: SW-18**Lab Sample ID: 890-7663-54****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 16:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 16:54	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: MarsJob ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-18

Lab Sample ID: 890-7663-54

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			102735	02/15/25 04:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 04:44	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 06:22	CH	EET MID

Client Sample ID: SW-19

Lab Sample ID: 890-7663-55

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 05:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 05:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 06:31	CH	EET MID

Client Sample ID: SW-20

Lab Sample ID: 890-7663-56

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 18:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 05:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 05:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 06:40	CH	EET MID

Client Sample ID: SW-21

Lab Sample ID: 890-7663-57

Date Collected: 02/11/25 00:00

Matrix: Solid

Date Received: 02/12/25 08:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 05:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 05:32	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-21**Lab Sample ID: 890-7663-57****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 06:49	CH	EET MID

Client Sample ID: SW-22**Lab Sample ID: 890-7663-58****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 05:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 05:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 06:58	CH	EET MID

Client Sample ID: SW-23**Lab Sample ID: 890-7663-59****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 19:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 19:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 06:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 06:04	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 07:08	CH	EET MID

Client Sample ID: SW-24**Lab Sample ID: 890-7663-60****Date Collected: 02/11/25 00:00****Matrix: Solid****Date Received: 02/12/25 08:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102673	02/13/25 08:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102677	02/13/25 20:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 20:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/15/25 06:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102615	02/12/25 13:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102785	02/15/25 06:20	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	102688	02/13/25 09:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102738	02/14/25 07:17	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Client Sample ID: SW-25
Date Collected: 02/11/25 00:00
Date Received: 02/12/25 08:44

Lab Sample ID: 890-7663-61
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	102676	02/13/25 08:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102675	02/13/25 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			102723	02/13/25 12:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			102735	02/13/25 11:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102636	02/12/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102691	02/13/25 11:49	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	102690	02/13/25 08:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102709	02/13/25 15:13	CH	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: 890-7663-1
SDG: Lea County NM

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

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Method Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea Couny NM

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: 890-7663-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7663-1	CS-1	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-2	CS-2	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-3	CS-3	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-4	CS-4	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-5	CS-5	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-6	CS-6	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-7	CS-7	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-8	CS-8	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-9	CS-9	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-10	CS-10	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-11	CS-11	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-12	CS-12	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-13	CS-13	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-14	CS-14	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-15	CS-15	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-16	CS-16	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-17	CS-17	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-18	CS-18	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-19	CS-19	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-20	CS-20	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-21	CS-21	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-22	CS-22	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-23	CS-23	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-24	CS-24	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-25	CS-25	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-26	CS-26	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-27	CS-27	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-28	CS-28	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-29	CS-29	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-30	CS-30	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-31	CS-31	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-32	CS-32	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-33	CS-33	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-34	CS-34	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-35	CS-35	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-36	CS-36	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-37	SW-1	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-38	SW-2	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-39	SW-3	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-40	SW-4	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-41	SW-5	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-42	SW-6	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-43	SW-7	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-44	SW-8	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-45	SW-9	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-46	SW-10	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-47	SW-11	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-48	SW-12	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-49	SW-13	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-50	SW-14	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-51	SW-15	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-52	SW-16	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-53	SW-17	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-54	SW-18	Solid	02/11/25 00:00	02/12/25 08:44

Sample Summary

Client: NT Global
Project/Site: Mars

Job ID: 890-7663-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7663-55	SW-19	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-56	SW-20	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-57	SW-21	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-58	SW-22	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-59	SW-23	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-60	SW-24	Solid	02/11/25 00:00	02/12/25 08:44
890-7663-61	SW-25	Solid	02/11/25 00:00	02/12/25 08:44

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Chain of Custody



890-7663 Chain of Custody

Page 1 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.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, NM	Due Date:															Cool: Cool	MeOH: Me		
Sampler's Name:	Clayton Turnas	TAT starts the day received by the lab, if received by 4:30pm															HCL: HCl	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	☒ Yes ☐ No	☒ Yes ☐ No	Wet Ice:	☒ Yes ☐ No													HOLD		
	Received Inact:	☒ Yes ☐ No	Thermometer ID:																	
	Cooler Custody Seals:	☒ Yes ☐ No	Correction Factor:																	
	Sample Custody Seals:	☒ Yes ☐ No	Temperature Reading:																	
Total Containers:		61	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-1		2/11/2025		X		Comp	1	X	X	X										
CS-2		2/11/2025		X		Comp	1	X	X	X										
CS-3		2/11/2025		X		Comp	1	X	X	X										
CS-4		2/11/2025		X		Comp	1	X	X	X										
CS-5		2/11/2025		X		Comp	1	X	X	X										
CS-6		2/11/2025		X		Comp	1	X	X	X										
CS-7		2/11/2025		X		Comp	1	X	X	X										
CS-8		2/11/2025		X		Comp	1	X	X	X										
CS-9		2/11/2025		X		Comp	1	X	X	X										
CS-10		2/11/2025		X		Comp	1	X	X	X										

Additional Comments:

Bill directly to Shelly Cowden @ Pilot Water Solutions

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
		8-26-25			4
					6



Chain of Custody

Work Order No: _____

Page 2 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund	
State of Project:	
Reporting Level: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV	
Deliverables: ☐ EDD ☐ ADAPT ☐ Other:	

Project Name:	Mars	Turn Around	☒ Routine ☐ Rush	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	ANALYSIS REQUEST				Preservative Codes	
Project Number:	248762	Due Date:	TAT starts the day received by the lab, if received by 4:30pm.									None: NO	DI Water: H ₂ O
Project Location:	Lea County, NM											Cool: Cool	MeOH: Me
Sampler's Name:	Clayton Tumas											HCL: HC	HNO ₃ : HN
PO #												H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No						H ₃ PO ₄ : HP	
Received Intact:	Yes	No	N/A	Thermometer ID:								NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:								Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:								Zn Acetate+NaOH: Zn	
Total Containers:	61	Corrected Temperature:										NaOH+Ascorbic Acid: SARC	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-11		2/11/2025		X		Comp	1	X	X	X										
CS-12		2/11/2025		X		Comp	1	X	X	X										
CS-13		2/11/2025		X		Comp	1	X	X	X										
CS-14		2/11/2025		X		Comp	1	X	X	X										
CS-15		2/11/2025		X		Comp	1	X	X	X										
CS-16		2/11/2025		X		Comp	1	X	X	X										
CS-17		2/11/2025		X		Comp	1	X	X	X										
CS-18		2/11/2025		X		Comp	1	X	X	X										
CS-19		2/11/2025		X		Comp	1	X	X	X										
CS-20		2/11/2025		X		Comp	1	X	X	X										

Additional Comments: Bill directly to Shelly Cowden @ Pilot Water Solutions

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8:11 2/11/25			



Chain of Custody

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Work Order No: _____

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Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	248762	Due Date:	TAT starts the day received by the lab. If received by 4:30pm															None: NO	DI Water: H ₂ O		
Sampler's Name:	Lea County, NM																	Cool: Cool	MeOH: Me		
PO #	Clayton Tumas																	HCL: HC	HNO ₃ : HN		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No													H ₂ SO ₄ : H ₂	NaOH: Na	
Received Inact:	Yes	No	Thermometer ID:															H ₃ PO ₄ : HP			
Cooler Custody Seals:	Yes	No	Correction Factor:															NaHSO ₄ : NABIS			
Sample Custody Seals:	Yes	No	Temperature Reading:															Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:	61	Corrected Temperature:																Zn Acetate + NaOH: Zn			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													NaOH + Ascorbic Acid: SAFC	Sample Comments
CS-21		2/11/2025		X		Comp	1	X	X	X											
CS-22		2/11/2025		X		Comp	1	X	X	X											
CS-23		2/11/2025		X		Comp	1	X	X	X											
CS-24		2/11/2025		X		Comp	1	X	X	X											
CS-25		2/11/2025		X		Comp	1	X	X	X											
CS-26		2/11/2025		X		Comp	1	X	X	X											
CS-27		2/11/2025		X		Comp	1	X	X	X											
CS-28		2/11/2025		X		Comp	1	X	X	X											
CS-29		2/11/2025		X		Comp	1	X	X	X											
CS-30		2/11/2025		X		Comp	1	X	X	X											

Additional Comments:

Bill directly to Shelly Cowden @ Pilot Water Solutions

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
		2/11/2025 2:42			



Chain of Custody

Work Order No: _____

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Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ FRP ☐ 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, NM	Due Date:														Cool: Cool	MeOH: Me			
Sample's Name:	Clayton Tumas	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	Correction Factor:														Na ₂ S ₂ O ₅ : NaSO ₃				
Sample Custody Seals:	Yes No	Temperature Reading:														Zn-Acetate+NaOH: Zn				
Total Containers:	61	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-31		2/11/2025		X		Comp	1	X	X	X										
CS-32		2/11/2025		X		Comp	1	X	X	X										
CS-33		2/11/2025		X		Comp	1	X	X	X										
CS-34		2/11/2025		X		Comp	1	X	X	X										
CS-35		2/11/2025		X		Comp	1	X	X	X										
CS-36		2/11/2025		X		Comp	1	X	X	X										
SW-1		2/11/2025		X		Comp	1	X	X	X										
SW-2		2/11/2025		X		Comp	1	X	X	X										
SW-3		2/11/2025		X		Comp	1	X	X	X										
SW-4		2/11/2025		X		Comp	1	X	X	X										

Additional Comments:

Bill directly to Shelly Cowden @ Pilot Water Solutions

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		4/7/2025			4/7/2025



Chain of Custody

Work Order No: _____

Page 5 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.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			ANALYSIS REQUEST										Preservative Codes				
Project Number:		248762			☒ Routine ☐ Rush		Pres. Code										None: NO	DI Water: H ₂ O				
Project Location		Lea County, NM			Due Date:												Cool: Cool	MeOH: Me				
Sampler's Name:		Clayton Tumas					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	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 ₅ : NaSO ₃				
Sample Custody Seals:		Yes		No	N/A	Temperature Reading:												Zn Acetate+NaOH: Zn				
Total Containers:				61		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC				
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont							Sample Comments	
SW-5				2/11/2025				X				Comp		1		X		X	X			
SW-6				2/11/2025				X				Comp		1		X		X	X			
SW-7				2/11/2025				X				Comp		1		X		X	X			
SW-8				2/11/2025				X				Comp		1		X		X	X			
SW-9				2/11/2025				X				Comp		1		X		X	X			
SW-10				2/11/2025				X				Comp		1		X		X	X			
SW-11				2/11/2025				X				Comp		1		X		X	X			
SW-12				2/11/2025				X				Comp		1		X		X	X			
SW-13				2/11/2025				X				Comp		1		X		X	X			
SW-14				2/11/2025				X				Comp		1		X		X	X			

Additional Comments:

Bill directly to Shelly Cowden @ Pilot Water Solutions

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2/11/2025			2/11/2025



Chain of Custody

Work Order No: _____

Page 6 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level: I ☐ Level II ☐ Level III ☐ PST/UST ☐ PRP ☐ 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, NM	Due Date:															Cool: Cool	MeOH: Me	
Sample's Name:	Clayton Tumas	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													HOLD	
Received Intact:	Yes No	Thermometer ID:																H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes No	Correction Factor:																NaHSO ₄ : NABIS	
Sample Custody Seals:	Yes No	Temperature Reading:																Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:	61	Corrected Temperature:																Zn Acetate+NaOH: Zn	
																		NaOH+Ascorbic Acid: SACP	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH												Sample Comments
SW-15		2/11/2025		X		Comp	1	X	X	X										
SW-16		2/11/2025		X		Comp	1	X	X	X										
SW-17		2/11/2025		X		Comp	1	X	X	X										
SW-18		2/11/2025		X		Comp	1	X	X	X										
SW-19		2/11/2025		X		Comp	1	X	X	X										
SW-20		2/11/2025		X		Comp	1	X	X	X										
SW-21		2/11/2025		X		Comp	1	X	X	X										
SW-22		2/11/2025		X		Comp	1	X	X	X										
SW-23		2/11/2025		X		Comp	1	X	X	X										
SW-24		2/11/2025		X		Comp	1	X	X	X										

Additional Comments:

Bill directly to Shelly Cowden @ Pilot Water Solutions

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2/11/2025			2/11/2025



Chain of Custody

Work Order No: _____

Page 7 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.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:

Bill directly to Shelly Cowden @ Pilot Water Solutions

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
					

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7663-1

SDG Number: Lea Couny NM

Login Number: 7663

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7663-1

SDG Number: Lea Couny NM

Login Number: 7663

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 02/13/25 07:46 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: Ethan Sessums
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 3/11/2025 9:33:49 AM

JOB DESCRIPTION

MARS
248762

JOB NUMBER

890-7769-1

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
3/11/2025 9:33:49 AM

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: 890-7769-1
SDG: 248762

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Definitions/Glossary

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project: MARS

Job ID: 890-7769-1

Job ID: 890-7769-1

Eurofins Carlsbad

Job Narrative 890-7769-1

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 3/5/2025 8:28 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 37 (890-7769-1), SW - 3A (890-7769-2), SW - 26 (890-7769-3) and SW - 27 (890-7769-4).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104609 and analytical batch 880-104771 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS - 37 (890-7769-1) and (880-55262-A-39-Ä). 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.

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

Client Sample ID: CS - 37

Lab Sample ID: 890-7769-1

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

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		03/06/25 11:49	03/09/25 09:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/06/25 11:49	03/09/25 09:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/06/25 11:49	03/09/25 09:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/06/25 11:49	03/09/25 09:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/06/25 11:49	03/09/25 09:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/06/25 11:49	03/09/25 09:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	03/06/25 11:49	03/09/25 09:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/06/25 11:49	03/09/25 09:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/09/25 09:13	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			03/08/25 09:06	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		03/06/25 09:31	03/08/25 09:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/06/25 09:31	03/08/25 09:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/06/25 09:31	03/08/25 09:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	03/06/25 09:31	03/08/25 09:06	1
o-Terphenyl	68	S1-	70 - 130	03/06/25 09:31	03/08/25 09:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/10/25 14:49	1

Client Sample ID: SW - 3A

Lab Sample ID: 890-7769-2

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

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		03/06/25 11:49	03/09/25 09:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/06/25 11:49	03/09/25 09:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/06/25 11:49	03/09/25 09:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/06/25 11:49	03/09/25 09:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/06/25 11:49	03/09/25 09:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/06/25 11:49	03/09/25 09:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	03/06/25 11:49	03/09/25 09:33	1
1,4-Difluorobenzene (Surr)	74		70 - 130	03/06/25 11:49	03/09/25 09:33	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

Client Sample ID: SW - 3A

Lab Sample ID: 890-7769-2

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

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			03/09/25 09:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/08/25 09:20	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		03/06/25 09:31	03/08/25 09:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/06/25 09:31	03/08/25 09:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/06/25 09:31	03/08/25 09:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				03/06/25 09:31	03/08/25 09:20	1
o-Terphenyl	73		70 - 130				03/06/25 09:31	03/08/25 09:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			03/10/25 14:55	1

Client Sample ID: SW - 26

Lab Sample ID: 890-7769-3

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

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		03/06/25 11:49	03/09/25 09:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/06/25 11:49	03/09/25 09:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/06/25 11:49	03/09/25 09:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/06/25 11:49	03/09/25 09:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/06/25 11:49	03/09/25 09:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/06/25 11:49	03/09/25 09:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				03/06/25 11:49	03/09/25 09:54	1
1,4-Difluorobenzene (Surr)	80		70 - 130				03/06/25 11:49	03/09/25 09:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/09/25 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/08/25 09:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/06/25 09:31	03/08/25 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/06/25 09:31	03/08/25 09:36	1

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Client Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

Client Sample ID: SW - 26

Lab Sample ID: 890-7769-3

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

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		03/06/25 09:31	03/08/25 09:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				03/06/25 09:31	03/08/25 09:36	1
o-Terphenyl	73		70 - 130				03/06/25 09:31	03/08/25 09:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			03/10/25 15:01	1

Client Sample ID: SW - 27

Lab Sample ID: 890-7769-4

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

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		03/06/25 11:49	03/09/25 10:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/06/25 11:49	03/09/25 10:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/06/25 11:49	03/09/25 10:14	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/06/25 11:49	03/09/25 10:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/06/25 11:49	03/09/25 10:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/06/25 11:49	03/09/25 10:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				03/06/25 11:49	03/09/25 10:14	1
1,4-Difluorobenzene (Surr)	87		70 - 130				03/06/25 11:49	03/09/25 10:14	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			03/09/25 10:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/08/25 09:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/06/25 09:31	03/08/25 09:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/06/25 09:31	03/08/25 09:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/06/25 09:31	03/08/25 09:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				03/06/25 09:31	03/08/25 09:51	1
o-Terphenyl	74		70 - 130				03/06/25 09:31	03/08/25 09:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			03/10/25 15:20	1

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Surrogate Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
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)
880-55262-A-1-B MS	Matrix Spike	120	94
880-55262-A-1-C MSD	Matrix Spike Duplicate	115	95
890-7769-1	CS - 37	124	90
890-7769-2	SW - 3A	130	74
890-7769-3	SW - 26	119	80
890-7769-4	SW - 27	125	87
LCS 880-104609/1-A	Lab Control Sample	118	94
LCSD 880-104609/2-A	Lab Control Sample Dup	120	95
MB 880-104479/5-A	Method Blank	107	93
MB 880-104609/5-A	Method Blank	112	86
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-55262-A-39-B MS	Matrix Spike	81	74
880-55262-A-39-C MSD	Matrix Spike Duplicate	82	75
890-7769-1	CS - 37	76	68 S1-
890-7769-2	SW - 3A	80	73
890-7769-3	SW - 26	79	73
890-7769-4	SW - 27	81	74
LCS 880-104567/2-A	Lab Control Sample	113	100
LCSD 880-104567/3-A	Lab Control Sample Dup	112	100
MB 880-104567/1-A	Method Blank	98	88
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-104479/5-A

Matrix: Solid

Analysis Batch: 104771

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 104479

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/05/25 14:32	03/08/25 16:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/05/25 14:32	03/08/25 16:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/05/25 14:32	03/08/25 16:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/05/25 14:32	03/08/25 16:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/05/25 14:32	03/08/25 16:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/05/25 14:32	03/08/25 16:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/05/25 14:32	03/08/25 16:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/05/25 14:32	03/08/25 16:17	1

Lab Sample ID: MB 880-104609/5-A

Matrix: Solid

Analysis Batch: 104771

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 104609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/06/25 11:49	03/09/25 04:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/06/25 11:49	03/09/25 04:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/06/25 11:49	03/09/25 04:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/06/25 11:49	03/09/25 04:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/06/25 11:49	03/09/25 04:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/06/25 11:49	03/09/25 04:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	03/06/25 11:49	03/09/25 04:14	1
1,4-Difluorobenzene (Surr)	86		70 - 130	03/06/25 11:49	03/09/25 04:14	1

Lab Sample ID: LCS 880-104609/1-A

Matrix: Solid

Analysis Batch: 104771

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 104609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07110		mg/Kg		71	70 - 130
Toluene	0.100	0.07076		mg/Kg		71	70 - 130
Ethylbenzene	0.100	0.07589		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1486		mg/Kg		74	70 - 130
o-Xylene	0.100	0.07596		mg/Kg		76	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-104609/2-A

Matrix: Solid

Analysis Batch: 104771

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 104609

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07783		mg/Kg		78	70 - 130	9	35

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

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

Lab Sample ID: LCSD 880-104609/2-A

Matrix: Solid

Analysis Batch: 104771

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 104609

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.07389		mg/Kg		74	70 - 130	4	35
Ethylbenzene	0.100	0.07172		mg/Kg		72	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1559		mg/Kg		78	70 - 130	5	35
o-Xylene	0.100	0.07902		mg/Kg		79	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-55262-A-1-B MS

Matrix: Solid

Analysis Batch: 104771

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 104609

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08117		mg/Kg		81	70 - 130
Toluene	<0.00200	U F1	0.100	0.05858	F1	mg/Kg		59	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06055	F1	mg/Kg		61	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1178	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06794	F1	mg/Kg		68	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-55262-A-1-C MSD

Matrix: Solid

Analysis Batch: 104771

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 104609

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08318		mg/Kg		83	70 - 130	2	35
Toluene	<0.00200	U F1	0.100	0.06349	F1	mg/Kg		63	70 - 130	8	35
Ethylbenzene	<0.00200	U F1	0.100	0.06248	F1	mg/Kg		62	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1215	F1	mg/Kg		61	70 - 130	3	35
o-Xylene	<0.00200	U F1	0.100	0.06740	F1	mg/Kg		67	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-104567/1-A

Matrix: Solid

Analysis Batch: 104784

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 104567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/06/25 09:17	03/08/25 03:45	1

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

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

Lab Sample ID: MB 880-104567/1-A

Matrix: Solid

Analysis Batch: 104784

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 104567

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/06/25 09:17	03/08/25 03:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/06/25 09:17	03/08/25 03:45	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	98		70 - 130				03/06/25 09:17	03/08/25 03:45	1
o-Terphenyl	88		70 - 130				03/06/25 09:17	03/08/25 03:45	1

Lab Sample ID: LCS 880-104567/2-A

Matrix: Solid

Analysis Batch: 104784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 104567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1108		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1057		mg/Kg		106	70 - 130		
Surrogate	LCS	LCS	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: LCSD 880-104567/3-A

Matrix: Solid

Analysis Batch: 104784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 104567

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	994.2		mg/Kg		99	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1050		mg/Kg		105	70 - 130	1	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 880-55262-A-39-B MS

Matrix: Solid

Analysis Batch: 104784

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 104567

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	785.6		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	827.8		mg/Kg		83	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	81		70 - 130								
o-Terphenyl	74		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

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

Lab Sample ID: 880-55262-A-39-C MSD

Matrix: Solid

Analysis Batch: 104784

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 104567

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	852.4		mg/Kg		85	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	854.5		mg/Kg		86	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	75		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104809/1-A

Matrix: Solid

Analysis Batch: 104853

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/10/25 13:18	1

Lab Sample ID: LCS 880-104809/2-A

Matrix: Solid

Analysis Batch: 104853

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.2		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-104809/3-A

Matrix: Solid

Analysis Batch: 104853

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	264.5		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-7769-3 MS

Matrix: Solid

Analysis Batch: 104853

Client Sample ID: SW - 26

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U	252	282.2		mg/Kg		109	90 - 110

Lab Sample ID: 890-7769-3 MSD

Matrix: Solid

Analysis Batch: 104853

Client Sample ID: SW - 26

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	252	283.0		mg/Kg		110	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

GC VOA

Prep Batch: 104479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-104479/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 104609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Total/NA	Solid	5035	
890-7769-2	SW - 3A	Total/NA	Solid	5035	
890-7769-3	SW - 26	Total/NA	Solid	5035	
890-7769-4	SW - 27	Total/NA	Solid	5035	
MB 880-104609/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104609/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104609/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-55262-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-55262-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 104771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Total/NA	Solid	8021B	104609
890-7769-2	SW - 3A	Total/NA	Solid	8021B	104609
890-7769-3	SW - 26	Total/NA	Solid	8021B	104609
890-7769-4	SW - 27	Total/NA	Solid	8021B	104609
MB 880-104479/5-A	Method Blank	Total/NA	Solid	8021B	104479
MB 880-104609/5-A	Method Blank	Total/NA	Solid	8021B	104609
LCS 880-104609/1-A	Lab Control Sample	Total/NA	Solid	8021B	104609
LCSD 880-104609/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104609
880-55262-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	104609
880-55262-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	104609

Analysis Batch: 104907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Total/NA	Solid	Total BTEX	
890-7769-2	SW - 3A	Total/NA	Solid	Total BTEX	
890-7769-3	SW - 26	Total/NA	Solid	Total BTEX	
890-7769-4	SW - 27	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 104567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Total/NA	Solid	8015NM Prep	
890-7769-2	SW - 3A	Total/NA	Solid	8015NM Prep	
890-7769-3	SW - 26	Total/NA	Solid	8015NM Prep	
890-7769-4	SW - 27	Total/NA	Solid	8015NM Prep	
MB 880-104567/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104567/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104567/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55262-A-39-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55262-A-39-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 104784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Total/NA	Solid	8015B NM	104567

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

GC Semi VOA (Continued)

Analysis Batch: 104784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-2	SW - 3A	Total/NA	Solid	8015B NM	104567
890-7769-3	SW - 26	Total/NA	Solid	8015B NM	104567
890-7769-4	SW - 27	Total/NA	Solid	8015B NM	104567
MB 880-104567/1-A	Method Blank	Total/NA	Solid	8015B NM	104567
LCS 880-104567/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104567
LCSD 880-104567/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104567
880-55262-A-39-B MS	Matrix Spike	Total/NA	Solid	8015B NM	104567
880-55262-A-39-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	104567

Analysis Batch: 104891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Total/NA	Solid	8015 NM	
890-7769-2	SW - 3A	Total/NA	Solid	8015 NM	
890-7769-3	SW - 26	Total/NA	Solid	8015 NM	
890-7769-4	SW - 27	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 104809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Soluble	Solid	DI Leach	
890-7769-2	SW - 3A	Soluble	Solid	DI Leach	
890-7769-3	SW - 26	Soluble	Solid	DI Leach	
890-7769-4	SW - 27	Soluble	Solid	DI Leach	
MB 880-104809/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-104809/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-104809/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7769-3 MS	SW - 26	Soluble	Solid	DI Leach	
890-7769-3 MSD	SW - 26	Soluble	Solid	DI Leach	

Analysis Batch: 104853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7769-1	CS - 37	Soluble	Solid	300.0	104809
890-7769-2	SW - 3A	Soluble	Solid	300.0	104809
890-7769-3	SW - 26	Soluble	Solid	300.0	104809
890-7769-4	SW - 27	Soluble	Solid	300.0	104809
MB 880-104809/1-A	Method Blank	Soluble	Solid	300.0	104809
LCS 880-104809/2-A	Lab Control Sample	Soluble	Solid	300.0	104809
LCSD 880-104809/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	104809
890-7769-3 MS	SW - 26	Soluble	Solid	300.0	104809
890-7769-3 MSD	SW - 26	Soluble	Solid	300.0	104809

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

Client Sample ID: CS - 37

Lab Sample ID: 890-7769-1

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

Prep 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	104609	03/06/25 11:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104771	03/09/25 09:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104907	03/09/25 09:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104891	03/08/25 09:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104567	03/06/25 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104784	03/08/25 09:06	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	104809	03/09/25 12:04	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104853	03/10/25 14:49	CH	EET MID

Client Sample ID: SW - 3A

Lab Sample ID: 890-7769-2

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

Prep 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	104609	03/06/25 11:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104771	03/09/25 09:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104907	03/09/25 09:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104891	03/08/25 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104567	03/06/25 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104784	03/08/25 09:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104809	03/09/25 12:04	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104853	03/10/25 14:55	CH	EET MID

Client Sample ID: SW - 26

Lab Sample ID: 890-7769-3

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

Prep 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	104609	03/06/25 11:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104771	03/09/25 09:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104907	03/09/25 09:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104891	03/08/25 09:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104567	03/06/25 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104784	03/08/25 09:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	104809	03/09/25 12:04	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104853	03/10/25 15:01	CH	EET MID

Client Sample ID: SW - 27

Lab Sample ID: 890-7769-4

Date Collected: 03/04/25 00:00

Matrix: Solid

Date Received: 03/05/25 08:28

Prep 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	104609	03/06/25 11:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104771	03/09/25 10:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104907	03/09/25 10:14	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: MARS

Job ID: 890-7769-1
SDG: 248762

Client Sample ID: SW - 27
Date Collected: 03/04/25 00:00
Date Received: 03/05/25 08:28

Lab Sample ID: 890-7769-4
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			104891	03/08/25 09:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104567	03/06/25 09:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104784	03/08/25 09:51	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	104809	03/09/25 12:04	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104853	03/10/25 15:20	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: 890-7769-1
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: 890-7769-1
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: 890-7769-1
SDG: 248762

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7769-1	CS - 37	Solid	03/04/25 00:00	03/05/25 08:28
890-7769-2	SW - 3A	Solid	03/04/25 00:00	03/05/25 08:28
890-7769-3	SW - 26	Solid	03/04/25 00:00	03/05/25 08:28
890-7769-4	SW - 27	Solid	03/04/25 00:00	03/05/25 08:28

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Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W. McKay Street	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, New Mexico, 88220	City, State ZIP:	Houston, TX, 77046
Phone:	432-701-2159	Email:	

Work Order Comments				
Program: UST/PS	☐ PR	☐ Brownfile	☐ R	☐ Super
State of Project:				
Reporting: Level	☐ Level	☐ PST/U	☐ TR	☐ Ld
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, New Mexico	Due Date:													Cool: Cool	MeOH: Me
Sampler's Name:		Kenny Han	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										
Received Intact:			☒ Yes ☐ No	Thermometer ID:	BTX 8021B												
Cooler Custody Seals:			Yes ☒ No ☐ N/A	Correction Factor:	8015M (GRO + DRO + MRO)												
Sample Custody Seals:			Yes ☒ No ☐ N/A	Temperature Reading:	Chloride 300.0												
Total Containers:			4	Corrected Temperature:	890-7769 Chain of Custody												
																	
					Na ₂ S ₂ O ₃ : NaSO ₃												
					Zn Acetate+NaOH: Zn												
					NaOH+Ascorbic Acid: SAPC												

[illegible]

Additional Comments: NMOCID ID: nAPP2213737452 (DIRECT BILL TO SHELLY COWDEN)

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 \$65.00 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.	Kenny Han		3/5/82			
2.						
3.						
4.						
5.						
6.						

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	COC No.:										
Client Contact:	N/A	Kramer, Jessica	N/A	890-4688-1										
Shipping/Receiving:	Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas	Page: 1 of 1										
Company:	Eurofins Environment Testing South Cent	Accreditations Required (See note): NELAP - Texas	Job #: 890-7769-1	Job #:										
Address:	1211 W. Florida Ave.	Due Date Requested: 3/1/2025	Preservation Codes:											
City:	Midland	TAT Requested (days): N/A	Analysis Requested											
State, Zip:	TX, 79701	PO #:	Field Filtered Sample (Yes or No)											
Phone:	432-704-5440(Tel)	N/A	Perform MS/MSD (Yes or No)											
Email:	N/A	WO #:	300_ORGFM_28D/DI_LEACH Chloride											
Project Name:	MARS	N/A	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO											
Site:	N/A	Project #:	8021B/5035FP_Calc BTEX											
		89000231	8015MOD_Calc											
		SSOW#:	Total_BTEX_GCV											
		N/A	Total Number of containers											
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=overhead, BT=bottom, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	8015MOD_Calc	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
CS - 37 (890-7769-1)		3/4/25		Central	G	Solid		X	X	X	X	X	1	
SW - 3A (890-7769-2)		3/4/25		Central	G	Solid		X	X	X	X	X	1	
SW - 26 (890-7769-3)		3/4/25		Central	G	Solid		X	X	X	X	X	1	
SW - 27 (890-7769-4)		3/4/25		Central	G	Solid		X	X	X	X	X	1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.														
Possible Hazard Identification														
Unconfirmed														
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2														
Empty Kit Relinquished by: Date: Time: Method of Shipment: Months														
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:														
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:														
Relinquished by: Date/Time: Company: Received by: Date/Time: Company:														
Custody Seals Intact: Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:														
A Yes A No														

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7769-1

SDG Number: 248762

Login Number: 7769

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: 890-7769-1

SDG Number: 248762

Login Number: 7769

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 03/06/25 08:52 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	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 449150

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 449150
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2213737452
Incident Name	NAPP2213737452 MARS @ 30-025-27684
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report 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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 449150

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 449150
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 05/31/2024
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 449150

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
	308339
	Action Number:
	449150
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 449150

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:	308339
	Action Number:	449150
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	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: 04/07/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 449150

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 449150
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 449150

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 449150
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	437379
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/04/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	300

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3588
What was the total volume (cubic yards) remediated	731
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1789
What was the total volume (in cubic yards) reclaimed	272
Summarize any additional remediation activities not included by answers (above)	The actual yardage was less than estimated yardage because we encountered a large boulder/rock formation during remedial action activities around S-11. We elected to confirmation sample the boulder/rock area after removing as much of the surface impacts as possible and proceeded to excavate the rest of the S-11 area down to a maximum of 7.5 feet below ground surface to remove impacts identified during the initial assessment.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 04/07/2025

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QUESTIONS, Page 7

Action 449150

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 449150
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 449150

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
	308339
	Action Number:
	449150
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	4/14/2025
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	4/14/2025
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/14/2025