



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432-701-2159
www.ntgenvironmental.com

January 7, 2025

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

Re: Site Characterization and Remediation Work Plan
Pilot Water Solution
Poseidon Donnie Hill Mainline NM Red Hills Pipeline
Unit K, Section 36, Township 25S, Range 36E
Site Coordinates: 32.08528, -103.22247
Lea County, New Mexico
Incident ID: nAPP2425557196

Introduction

On behalf of Pilot Water Solutions (Pilot), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the release number: nAPP2425557196 – Poseidon Donnie Hill Mainline NM Red Hills Pipeline (Site). The Site is in Unit Letter K, Section 36, of Township 25 South and Range 36 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.08528° N latitude and 103.22247° W longitude. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

Background

Based on the Release Notification C-141 Form, the release was discovered on September 10, 2024, and was due to midstream scheduled maintenance. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately two hundred and thirty (230) barrels (bbls) of produced water of which thirty (30) were recovered for an approximate net loss of two hundred (200) bbls of produced water. The release area is shown in 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 & 19.15.29.13)

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 September 11, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Eight (8) vertical sample points (TP-1 through TP-8) were installed within the release area in order to characterize the impacts. Soil samples were collected at one (1) foot (ft) intervals from depths ranging from one (1) to six (6) ft below ground surface (bgs) with mechanical equipment. 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 and/or TPH concentrations exceeded the NMOCD regulatory limits at various depths in the areas of TP-1 and TP-3 to a depth of two (2) ft bgs, TP-2 to a depth of one (1) ft bgs, TP-4 to a depth of four (4) ft bgs, TP-5 to a depth of three (3) ft bgs, and TP-6 through TP-8 to a depth of five (5) ft bgs.

On October 1, 2024, NTGE returned to site to further delineate three sample locations (TP-4, TP6, and TP-7) and collected sixteen (16) horizontal delineation samples (H-1 through H-16). Soil samples were collected at half (0.5) foot intervals from depths ranging from surface (0) and six (6) to nine and a half (9.5) ft bgs with a geotechnical hand auger. The hand auger was decontaminated

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with Alconox and deionized water between sample intervals to prevent cross contamination. Horizontal soil samples were field screened for chloride impacts, with an ExStik® II, which were identified with the previous delineation event. Vertical soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Eurofins Laboratories in Carlsbad, New Mexico for analysis of BTEX, TPH, and chloride. Analysis indicated that chloride concentrations exceeded the NMOCD regulatory limits at various depths in the areas of TP-4 and TP-7 to a depth of six and a half (6.5) ft bgs, and TP-6 to a depth of seven and a half (7.5) ft bgs.

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

Proposed Work Plan

After receiving and evaluating the soil boring data NTGE proposes to excavate the area of TP-1 and TP-3 to a depth of three (3) ft bgs, TP-2 to a depth of two (2) ft bgs, TP-5 to a depth of four (4) ft bgs, TP-8 to a depth of six (6) ft bgs, TP-4 and TP-7 to a depth of seven and a half (7.5) ft bgs, and TP-6 to a depth of eight and a half (8.5) ft bgs to ensure that the impacted soil has been removed from the Site. Approximately 3,537 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown in Figure 4.

Upon completion of the excavation, confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl -B. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table 3.1 Closure Criteria.

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

Sincerely,
NTG Environmental



Ethan Sessums
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
Poseidon Donnie Hill Mainline
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													
TP-1	9/11/2024	1'	0.0068	0.00568	<0.00198	<0.00396	0.0125	<50.0	<50.0	<50.0	<50.0	<50.0	4,620
	9/11/2024	2'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	4,190
	9/11/2024	3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.6	<49.6	<49.6	<49.6	<49.6	33.1
	9/11/2024	4'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	170
TP-2	9/11/2024	1'	0.0134	0.018	0.00787	0.0226	0.0619	<50.0	73	73	<50.0	73	3,930
	9/11/2024	2'	<0.00200	<0.00200	<0.00200	0.0153	0.0153	<49.8	<49.8	<49.8	<49.8	<49.8	58.6
	9/11/2024	3'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	707
	9/11/2024	4'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	336
TP - 3	9/11/2024	1'	0.0141	0.00884	<0.00199	<0.00398	0.0229	<49.7	<49.7	<49.7	<49.7	<49.7	2,940
	9/11/2024	2'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	606
	9/11/2024	3'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	39.6
	9/11/2024	4'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	41.6
TP - 4	9/11/2024	1'	<0.00201	0.00818	<0.00202	0.00458	0.00818	<50.0	<50.0	<50.0	<50.0	<50.0	5,910
	9/11/2024	2'	<0.00199	0.00874	<0.00199	0.0103	0.0127	<49.9	<49.9	<49.9	<49.9	<49.9	4,720
	9/11/2024	3'	<0.00200	0.0054	<0.00198	0.0089	0.00952	<50.0	<50.0	<50.0	<50.0	<50.0	3,990
	9/11/2024	4'	<0.00202	<0.00200	<0.00200	<0.00401	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	1,380
	10/1/2024	6'-6.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	1,450
	10/1/2024	7'-7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	245
TP - 5	10/1/2024	8'-8.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	30.0
	9/11/2024	1'	<0.00200	0.00559	<0.00200	0.0041	0.00969	<50.0	<50.0	<50.0	<50.0	<50.0	5,670
	9/11/2024	2'	<0.00199	0.0136	0.0206	0.0786	0.0512	<49.7	<49.7	<49.7	<49.7	<49.7	2,980
	9/11/2024	3'	<0.00199	0.112	0.0924	0.5	0.333	<50.0	83.7	83.7	<50.0	83.7	1,900
	9/11/2024	4'	<0.00201	0.0259	0.0226	0.194	0.141	<49.8	53.9	53.9	<49.8	53.9	245
TP - 6	9/11/2024	1'	<0.00201	<0.00201	<0.00201	0.0076	0.0076	<49.9	70	70	<49.9	70	701
	9/11/2024	2'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	50	50	<49.8	50	1,600
	9/11/2024	3'	<0.00201	0.00469	0.00357	0.0323	0.0405	<50.0	<50.0	<50.0	<50.0	<50.0	2,880
	9/11/2024	4'	0.00308	0.0139	0.00456	0.0387	0.0602	<49.8	<49.8	<49.8	<49.8	<49.8	1,410
	9/11/2024	5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	2,910
	10/1/2024	6'-6.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	2,230
	10/1/2024	7'-7.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	713
TP - 7	10/1/2024	8'-8.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	57.6
	9/11/2024	1'	0.0247	0.164	0.0995	0.584	0.872	55.2	529	584.2	<49.7	584.2	2,790
	9/11/2024	2'	<0.00201	0.00741	0.00446	0.0419	0.0538	<50.0	<50.0	<50.0	<50.0	<50.0	2,420
	9/11/2024	3'	0.111	1.77	1.06	7.32	10.3	112	790	902	<49.9	902	3,750
	9/11/2024	4'	<0.00200	0.00804	0.00368	0.039	0.0507	<49.9	<49.9	<49.9	<49.9	<49.9	2,770
	9/11/2024	5'	<0.00201	0.00252	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	2,290
	10/1/2024	6'-6.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	1,590
	10/1/2024	7'-7.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	168
	10/1/2024	8'-8.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	352
	10/1/2024	9'-9.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.5	<50.5	<50.5	<50.5	<50.5	32.4

Table 1
Summary of Soil Analytical Data - Delineation Samples
Poseidon Donnie Hill Mainline
Pilot Water Solutions
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
TP-8	9/11/2024	1'	0.0142	0.0533	0.047	0.311	0.425	<49.8	101	101	<49.8	101	3,890
	9/11/2024	2'	0.0145	0.0124	0.00353	0.0306	0.061	<49.7	<49.7	<49.7	<49.7	<49.7	7,300
	9/11/2024	3'	0.0024	0.00986	0.0123	0.0985	0.123	<49.8	207	207	<49.8	207	3,260
	9/11/2024	4'	0.0155	0.0137	<0.00199	0.0116	0.0408	<49.7	<49.7	<49.7	<49.7	<49.7	5,070
	9/11/2024	5'	<0.00198	0.00202	<0.00198	0.0156	0.0176	<49.7	<49.7	<49.7	<49.7	<49.7	610
	9/11/2024	6'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	211
H-1	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	168
H-2	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	132
H-3	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	152
H-4	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	37
H-5	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	69
H-6	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	84
H-7	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	97
H-8	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	210
H-9	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	250
H-10	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	64
H-11	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	77
H-12	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	83
H-13	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	97
H-14	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	113
H-15	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	120
H-16	10/1/2024	0-5"	---	---	---	---	---	---	---	---	---	---	115

Notes:

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

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

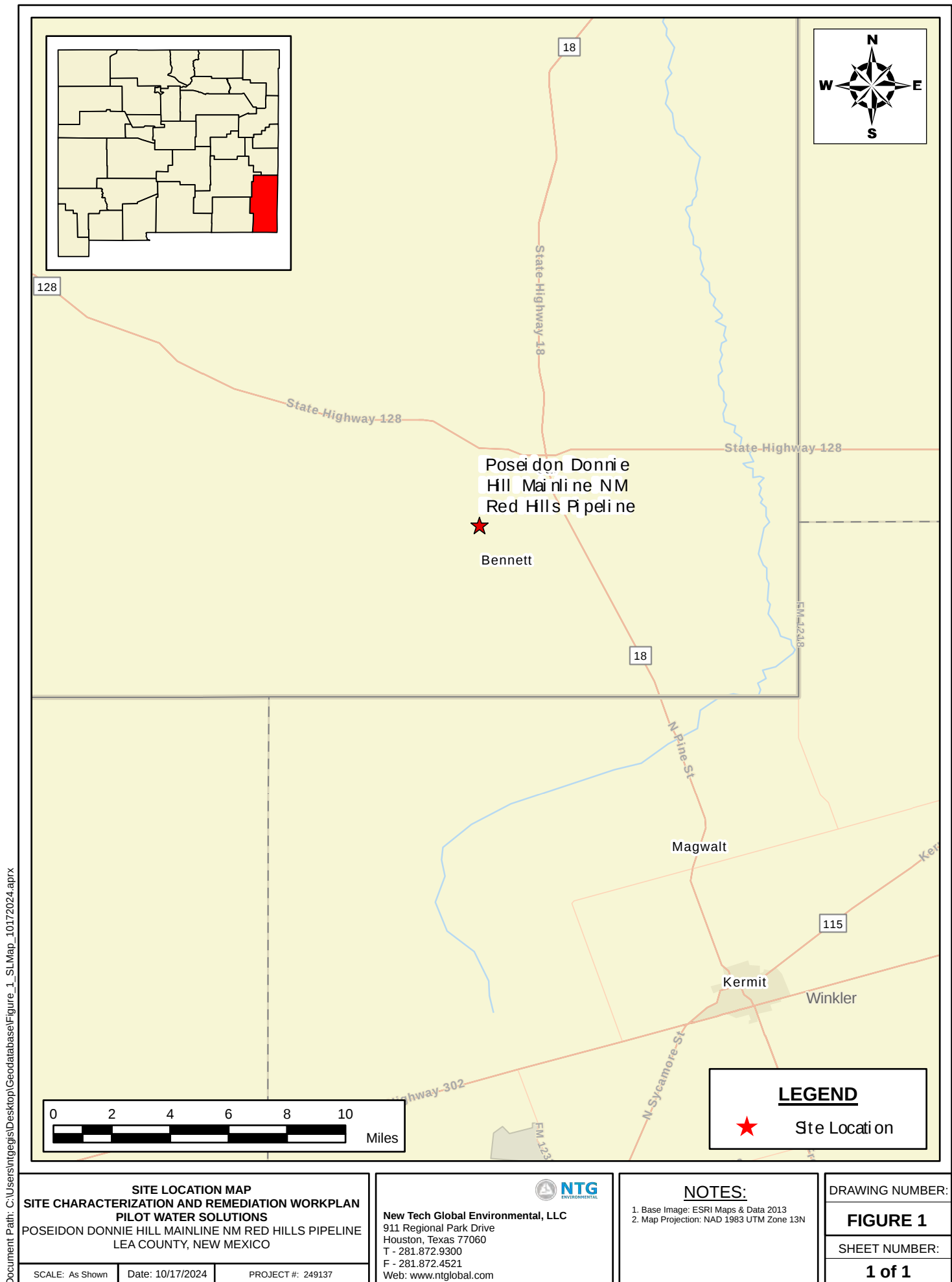
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

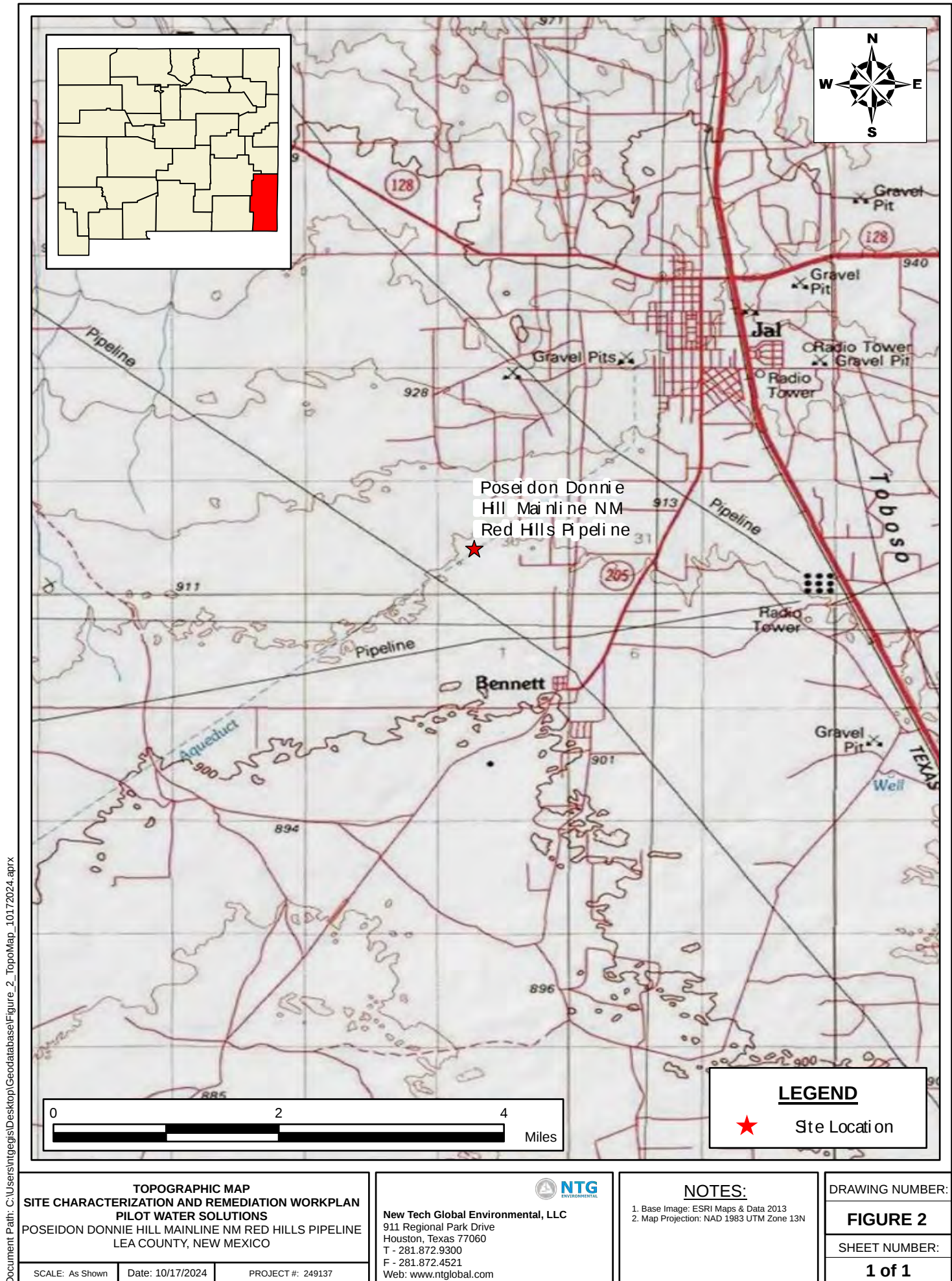
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

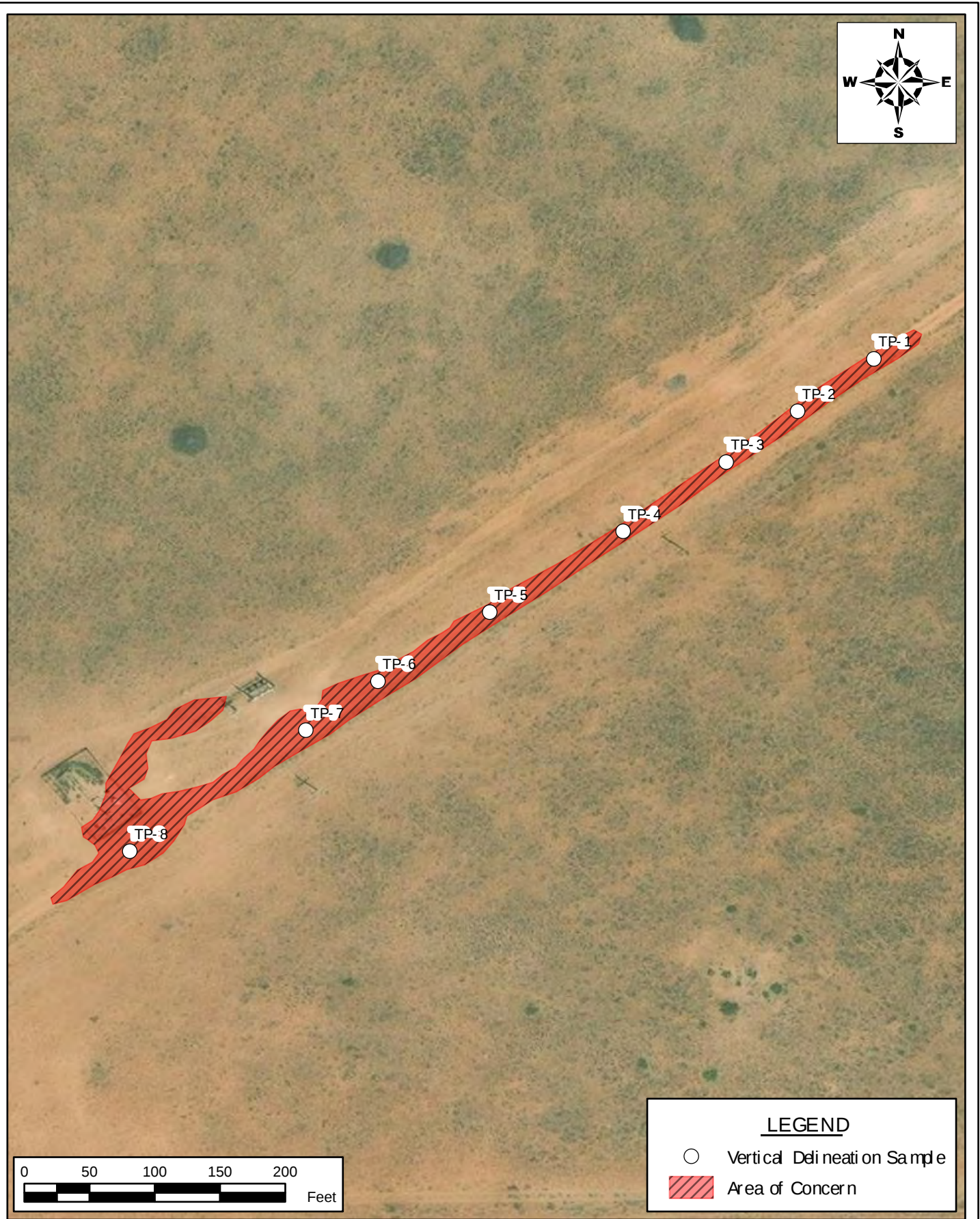
SP-1 Sample Point Excavated

FIGURES



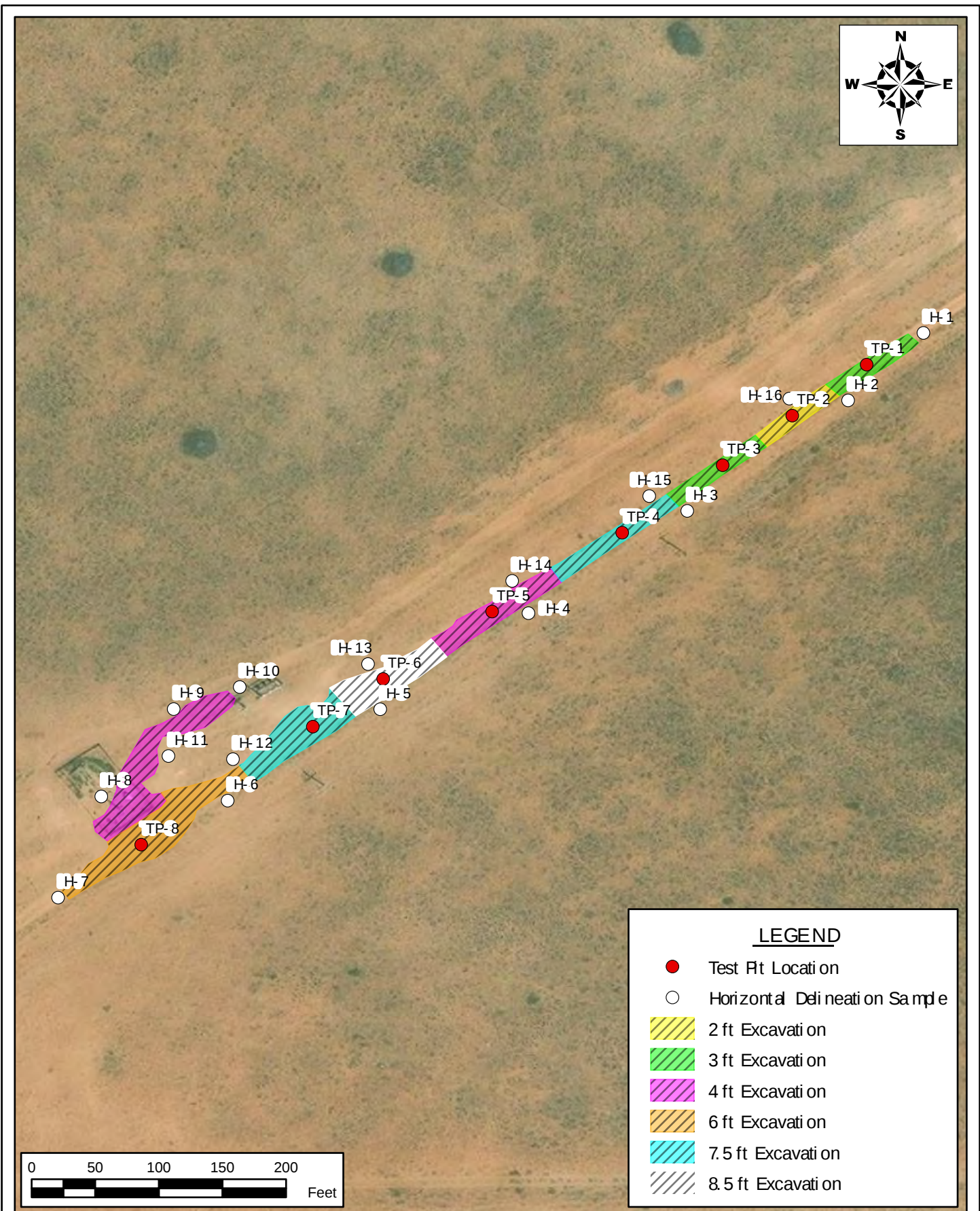


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INITIAL ASSESSMENT MAP SITE CHARACTERIZATION AND REMEDIATION WORK PLAN PILOT WATER SOLUTIONS POSEIDON DONNIE HILL MAINLINE LEA COUNTY, NEW MEXICO			 NTG ENVIRONMENTAL New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntglobal.com		NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N	DRAWING NUMBER: FIGURE 3 SHEET NUMBER: 1 of 1
SCALE: As Shown	Date: 10/21/2024	PROJECT #: 249137				

Document Path: C:\Users\ntgis\Desktop\Geodatabase\Figure_4_ProposedExcavationMap_10212024.aprx



PROPOSED EXCAVATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
PILOT WATER SOLUTIONS
 POSEIDON DONNIE HILL MAINLINE
 LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 10/21/2024

PROJECT #: 249137



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

Proposed Excavation Map

Poseidon Donnie Hill Mainline

Green area of TP-1 & TP-3:
 $1,704 \text{ sq ft} \times 3 \text{ ft} / 27 = 190 \text{ CY}$

Yellow area of TP-2:
 $797 \text{ sq ft} \times 2 \text{ ft} / 27 = 59 \text{ CY}$

Purple area of TP-5 & Area around
Riser/Equipment:
 $4,281 \text{ sq ft} \times 4 \text{ ft} / 27 = 635 \text{ CY}$

Red area of TP-8:
 $3,041 \text{ sq ft} \times 6 \text{ ft} / 27 = 676 \text{ CY}$

Blue area of TP-4 & TP-7:
 $3,126 \text{ sq ft} \times 7.5 \text{ ft} / 27 = 869 \text{ CY}$

White area of TP-6:
 $1,843 \text{ sq ft} \times 8.5 \text{ ft} / 27 = 518 \text{ CY}$

Total CY + (20% fluff):
 $2,947 \text{ CY} + 590 = 3,537 \text{ CY}$

GPS: 32.085299, -103.222552
Lea Co, NM

Legend

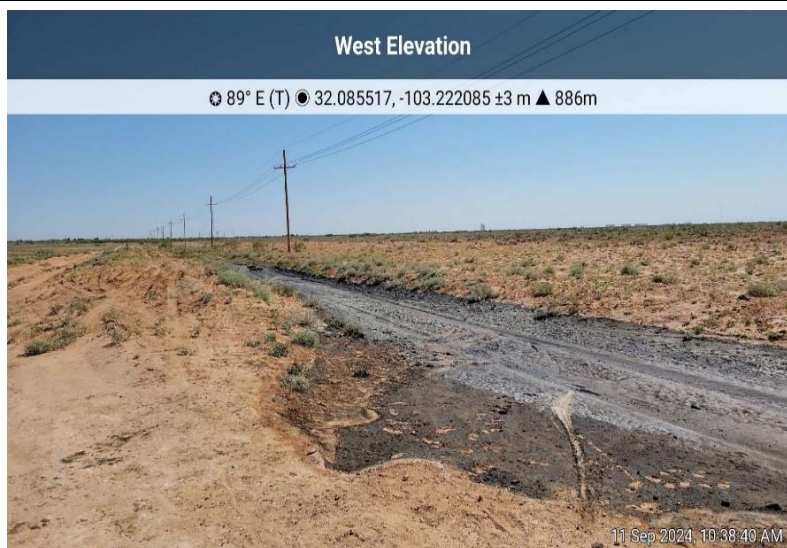
- 2 ft Excavation
- 3 ft Excavation
- 4 ft Excavation
- 6 ft Excavation
- 7.5 ft Excavation
- 8.5 ft Excavation
- Horizontal Sample
- Test Pit Sample



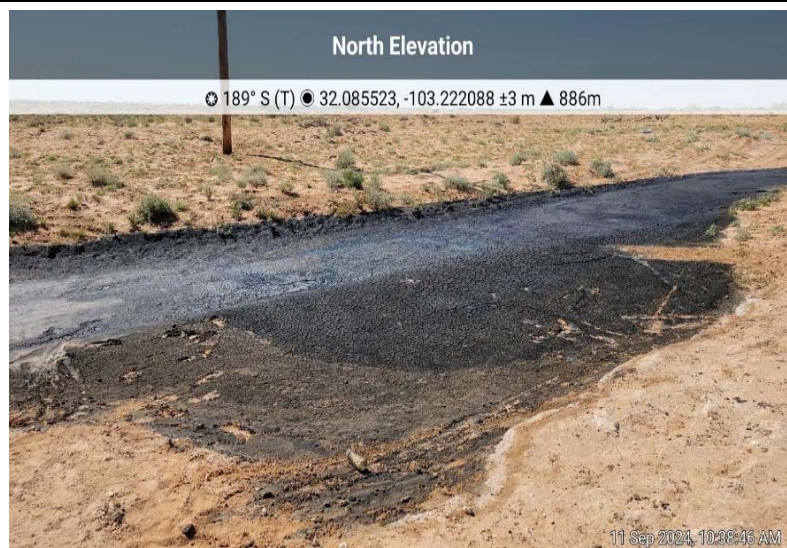
PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG**Pilot Water Solutions
Poseidon Donnie Hill Mainline****Photograph No. 1****Facility:** Poseidon Donnie Hill Mainline**County:** Lea County, New Mexico**Description:**

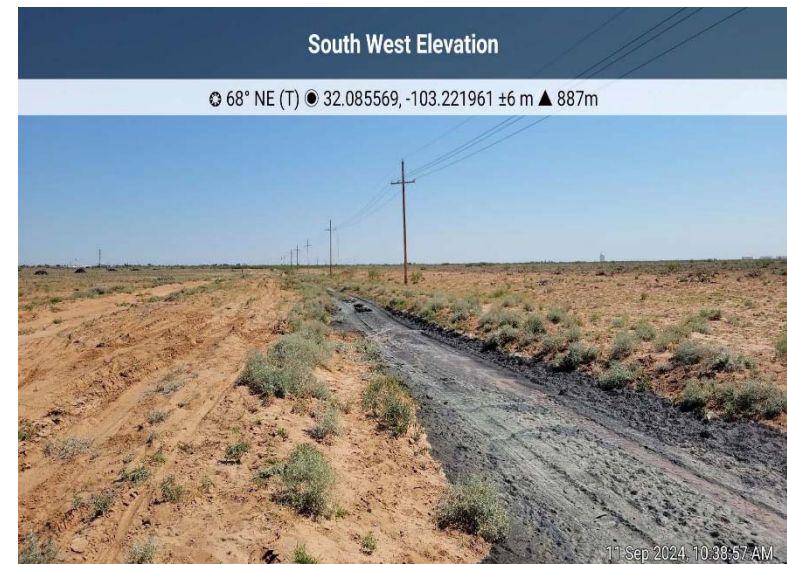
View of Release Path

**Photograph No. 2****Facility:** Poseidon Donnie Hill Mainline**County:** Lea County, New Mexico**Description:**

View of Release Path

**Photograph No. 3****Facility:** Poseidon Donnie Hill Mainline**County:** Lea County, New Mexico**Description:**

View of Release Path



PHOTOGRAPHIC LOG

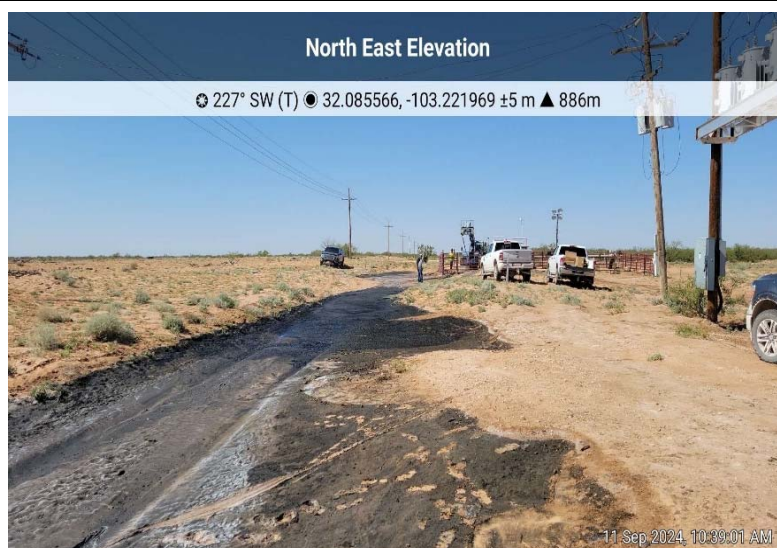
Pilot Water Solutions Poseidon Donnie Hill Mainline

Photograph No. 3

Facility: Poseidon Donnie Hill Mainline

County: Lea County, New Mexico

Description:
View of Release Path

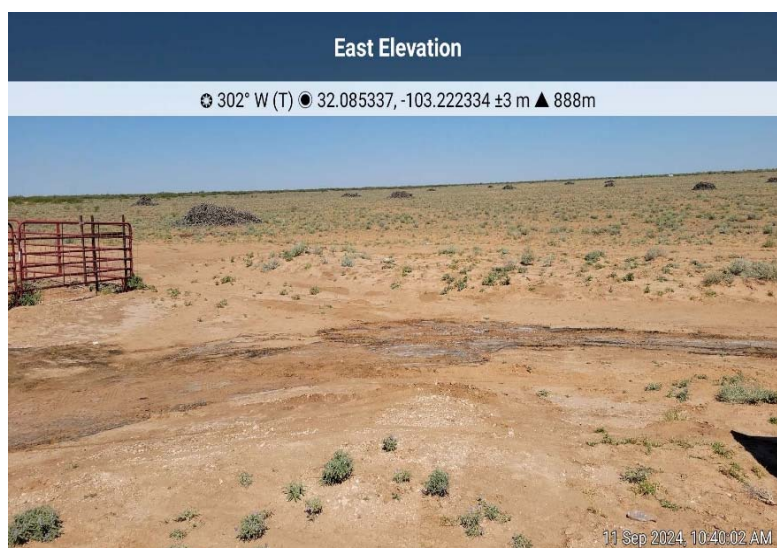


Photograph No. 4

Facility: Poseidon Donnie Hill Mainline

County: Lea County, New Mexico

Description:
View of Release Path



Photograph No. 6

Facility: Poseidon Donnie Hill Mainline

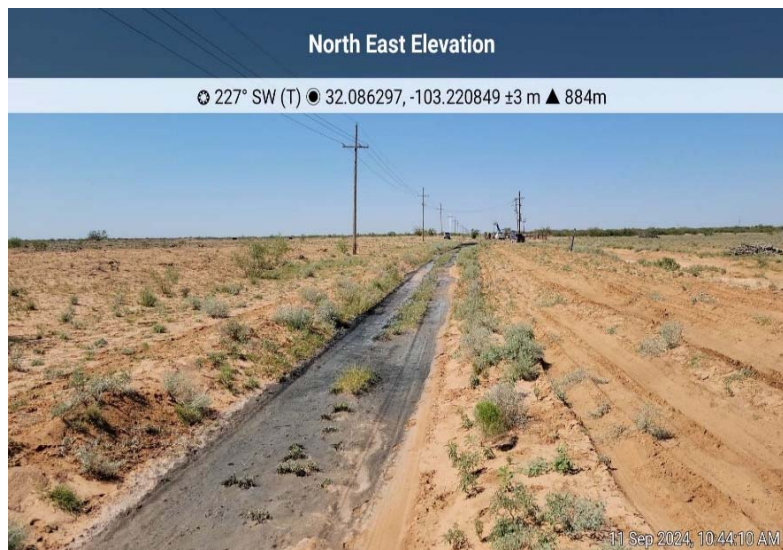
County: Lea County, New Mexico

Description:
View of Release Path



PHOTOGRAPHIC LOG**Pilot Water Solutions
Poseidon Donnie Hill Mainline****Photograph No. 7****Facility:** Poseidon Donnie Hill Mainline**County:** Lea County, New Mexico**Description:**

View of Release Path

**Photograph No. 8****Facility:** Poseidon Donnie Hill Mainline**County:** Lea County, New Mexico**Description:**

View of delineation activities

**Photograph No. 9****Facility:** Poseidon Donnie Hill Mainline**County:** Lea County, New Mexico**Description:**

View of delineation activities



SITE CHARACTERIZATION DOCUMENTATION

NMOCD Closure Criteria

Poseidon Donnie Hill Mainline

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		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)	18,540	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	if 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

National Flood Hazard Layer FIRMette



103°13'40"W 32°5'22"N



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

1:6,000

103°13'12"W 32°4'52"N

Released to Imaging: 1/9/2025 2:11:59 PM

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 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



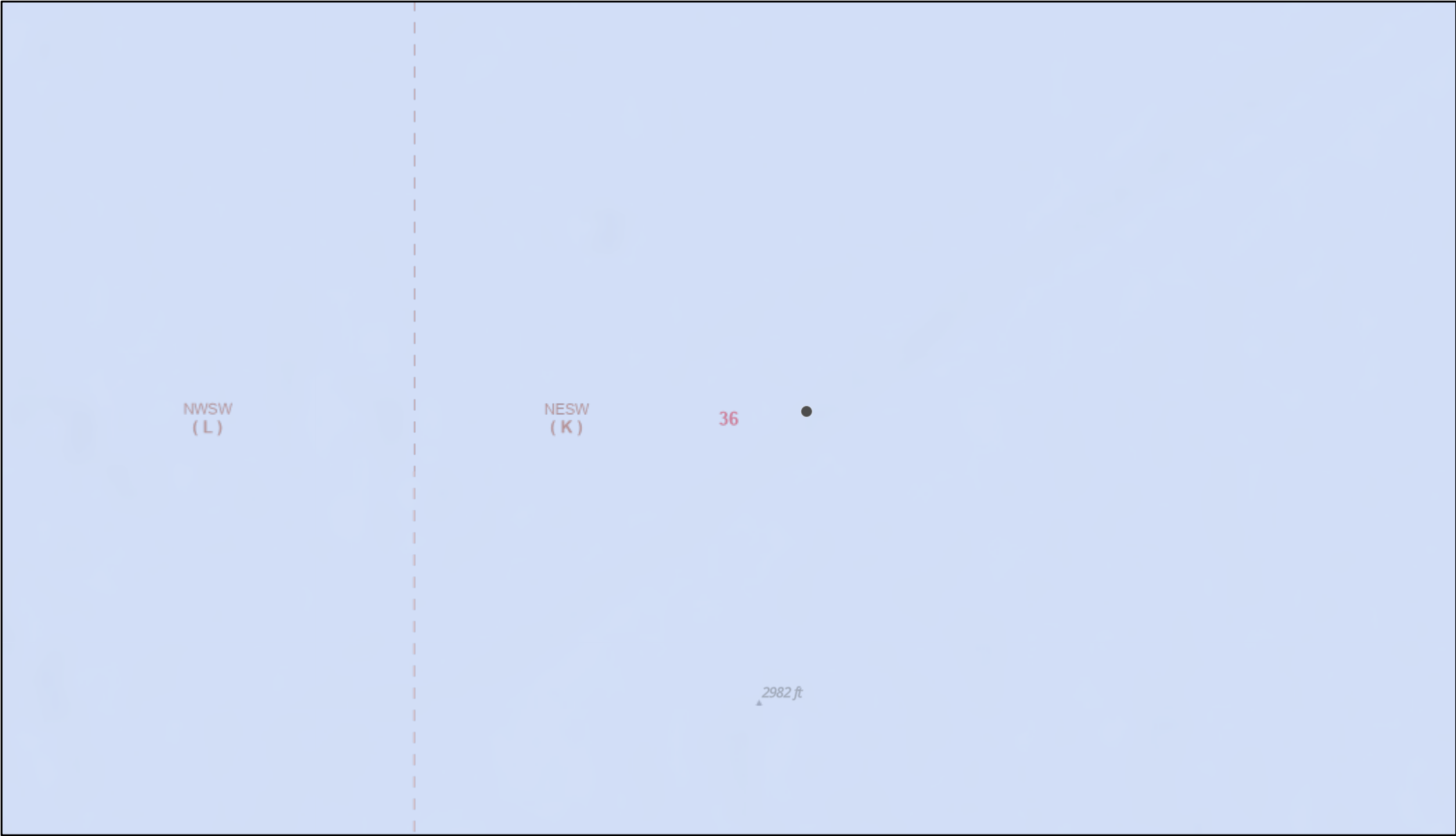
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 9/24/2024 at 4:37 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.

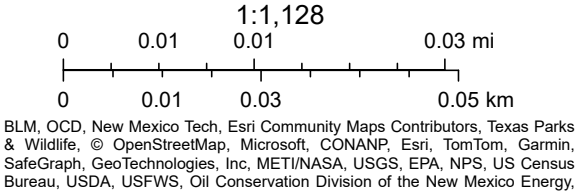
Karst Potential Map



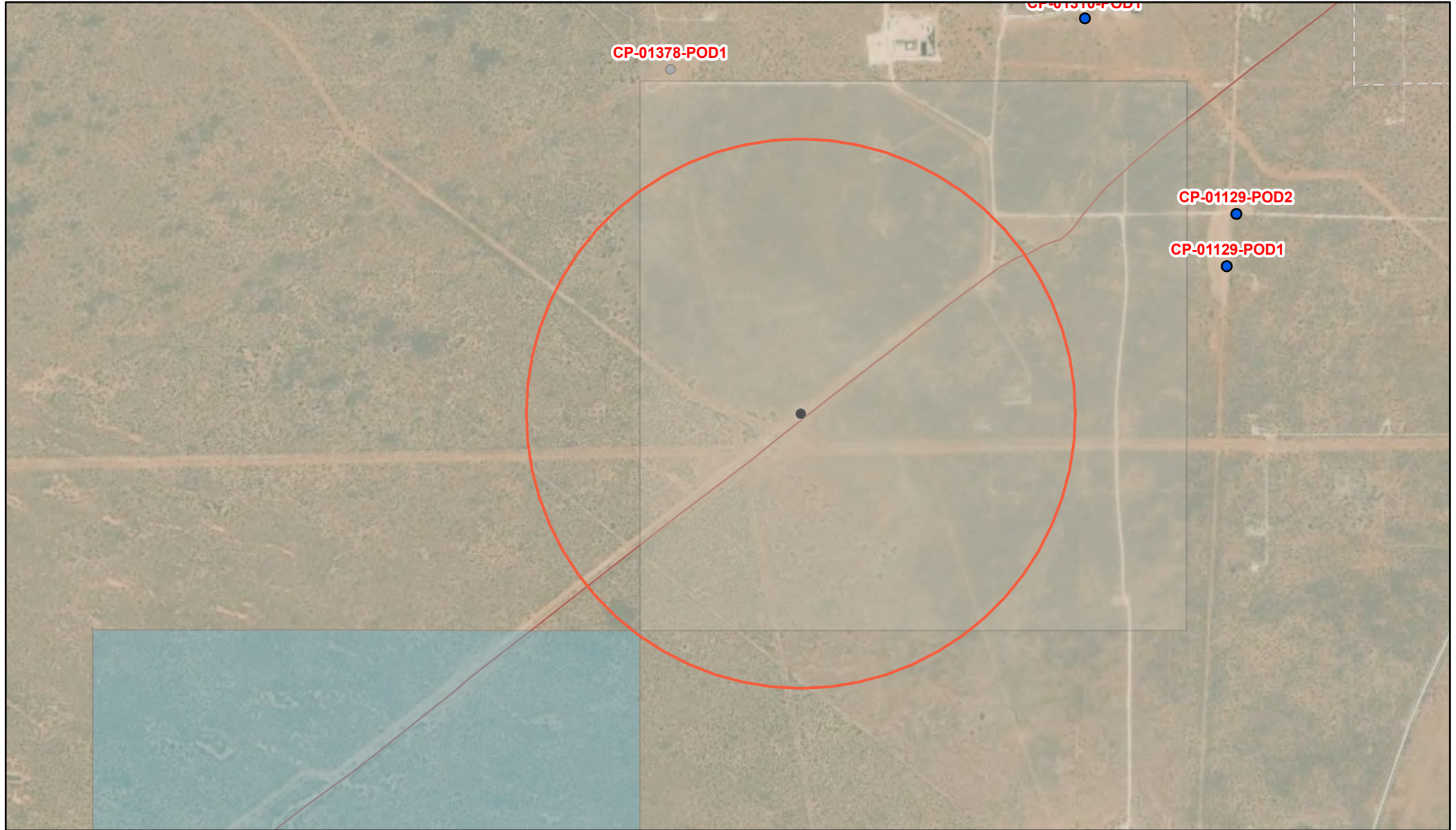
9/24/2024, 3:55:15 PM

Karst Occurrence Potential

	Low		PLSS Second Division
			PLSS First Division

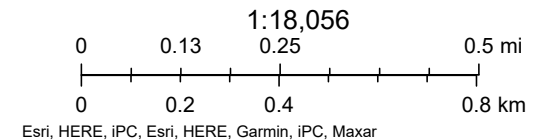


OSE POD Location Map



9/24/2024, 3:42:20 PM

- | | | | |
|-----------------|-------------------------|------------------------------|---------------|
| Override 1 | OSE District Boundary | New Mexico State Trust Lands | NHD Flowlines |
| GIS WATERS PODs | Water Right Regulations | Subsurface Estate | Pipeline |
| Active | Closure Area | Both Estates | |

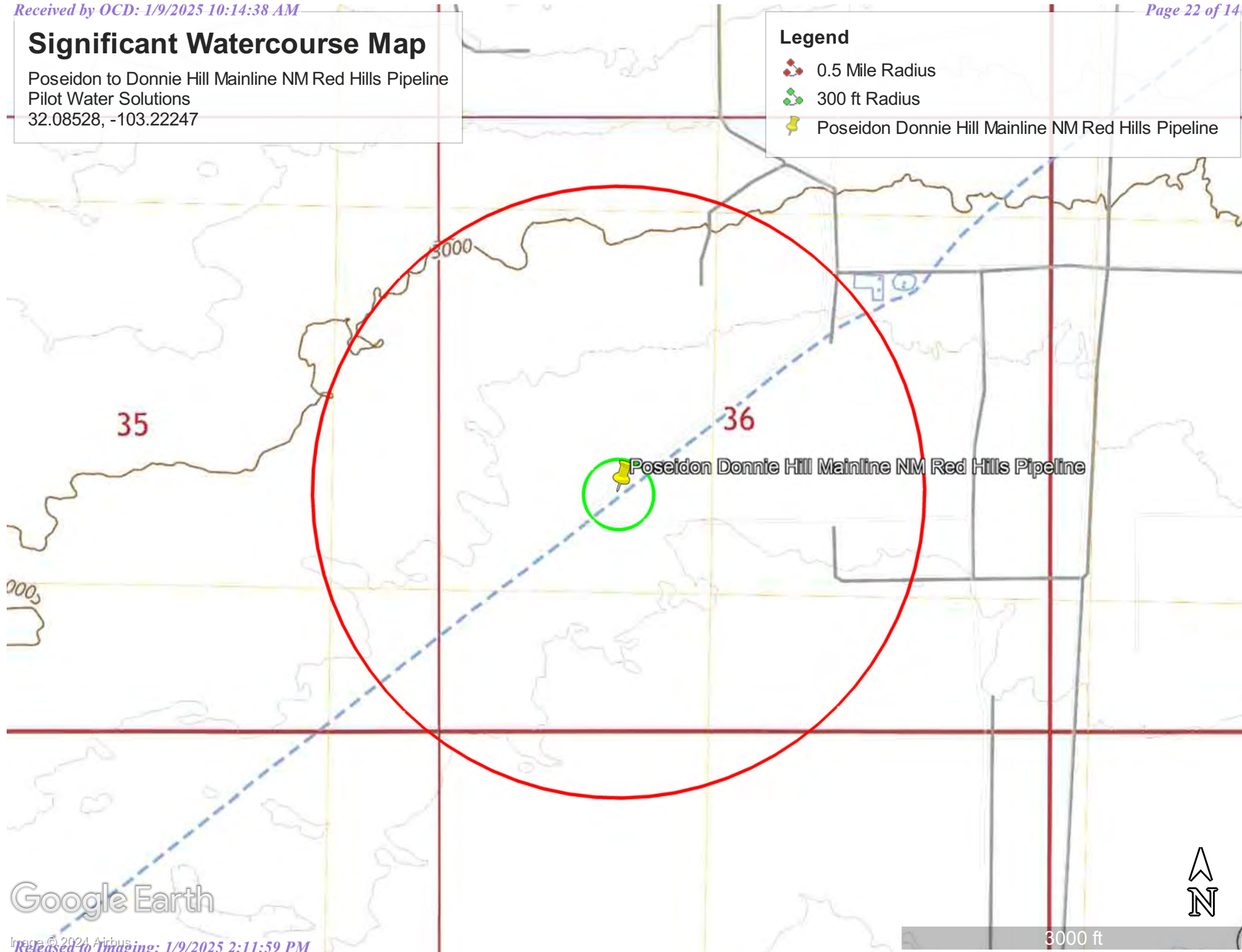


Significant Watercourse Map

Poseidon to Donnie Hill Mainline NM Red Hills Pipeline
Pilot Water Solutions
32.08528, -103.22247

Legend

- 0.5 Mile Radius
- 300 ft Radius
- Poseidon Donnie Hill Mainline NM Red Hills Pipeline



Google Earth

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

Lentic (LE)

Lake (LK)

Lotic River (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

Terrene (TE)

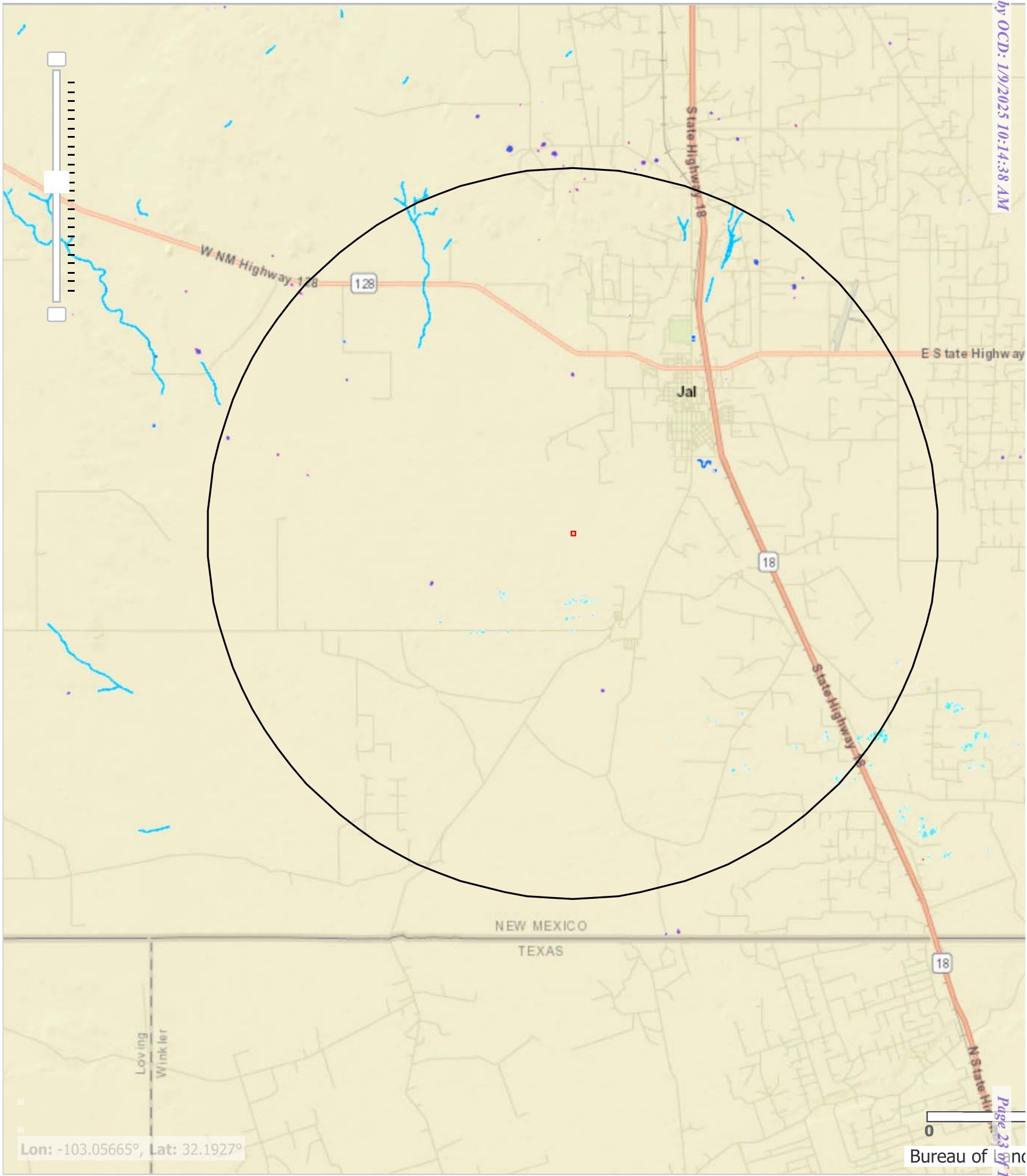
Landform (LLWW)

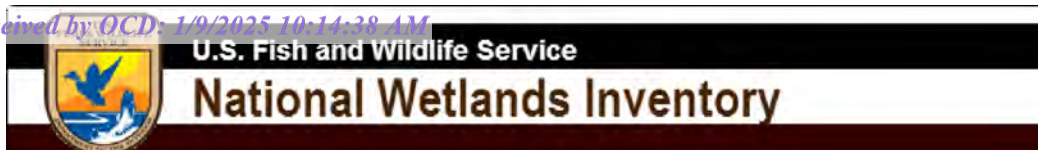
Basin

Flat

Floodplain

1:144,448





Wetlands Map



September 24, 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.

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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ANALYTICAL REPORT

PREPARED FOR

Attn: Ethan Sessums
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 9/16/2024 5:39:12 PM

JOB DESCRIPTION

Poseidon Donnie Hill Mainline
Lea County NM

JOB NUMBER

890-7088-1

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
9/16/2024 5:39:12 PM

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

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Laboratory Job ID: 890-7088-1
SDG: Lea County NM

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Definitions/Glossary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1

Job ID: 890-7088-1

Eurofins Carlsbad

Job Narrative
890-7088-1

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 9/12/2024 10:48 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 2.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: TP - 1 (890-7088-1), TP - 1 (890-7088-2), TP - 1 (890-7088-3), TP - 1 (890-7088-4), TP - 2 (890-7088-5), TP - 2 (890-7088-6), TP - 2 (890-7088-7), TP - 2 (890-7088-8), TP - 3 (890-7088-9), TP - 3 (890-7088-10), TP - 3 (890-7088-11), TP - 3 (890-7088-12), TP - 4 (890-7088-13), TP - 4 (890-7088-14), TP - 4 (890-7088-15), TP - 4 (890-7088-16), TP - 5 (890-7088-17), TP - 5 (890-7088-18), TP - 5 (890-7088-19), TP - 5 (890-7088-20), TP - 6 (890-7088-21), TP - 6 (890-7088-22), TP - 6 (890-7088-23), TP - 6 (890-7088-24), TP - 6 (890-7088-25), TP - 7 (890-7088-26), TP - 7 (890-7088-27), TP - 7 (890-7088-28), TP - 7 (890-7088-29), TP - 7 (890-7088-30), TP - 8 (890-7088-31), TP - 8 (890-7088-32), TP - 8 (890-7088-33), TP - 8 (890-7088-34), TP - 8 (890-7088-35) and TP - 8 (890-7088-36).

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-90660 recovered under the lower control limit for o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-90770 and analytical batch 880-90765 was outside the upper control limits.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-90659 and analytical batch 880-90565 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-90565 recovered above the upper control limit for Benzene 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 880-90565/20).

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-90565 recovered above the upper control limit for Benzene. 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 880-90565/33).

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-90765 recovered below the lower control limit for o-Xylene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-90765/33).

Method 8021B: Surrogate recovery for the following samples were outside control limits: TP - 7 (890-7088-26), TP - 7 (890-7088-28), TP - 8 (890-7088-31) and TP - 8 (890-7088-33). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-90658 and analytical batch 880-90660 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: TP - 2 (890-7088-6) and TP - 5 (890-7088-19). Evidence of matrix interferences is not obvious.

Eurofins Carlsbad

Case Narrative

Client: NT Global
Project: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1

Job ID: 890-7088-1 (Continued)**Eurofins Carlsbad**

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 880-90654 and analytical batch 880-90704 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: TP - 3 (890-7088-9). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90655 and analytical batch 880-90716 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TP - 5 (890-7088-19) and (LCS 880-90655/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TP - 7 (890-7088-26) and TP - 7 (890-7088-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-90655 and analytical batch 880-90716 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90652 and analytical batch 880-90661 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90653 and analytical batch 880-90671 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 1

Lab Sample ID: 890-7088-1

Date Collected: 09/11/24 09:00

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00680		0.00198		mg/Kg		09/13/24 08:46	09/13/24 11:55	1
Toluene	0.00568	F1	0.00198		mg/Kg		09/13/24 08:46	09/13/24 11:55	1
Ethylbenzene	<0.00198	U F1 F2	0.00198		mg/Kg		09/13/24 08:46	09/13/24 11:55	1
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.00396		mg/Kg		09/13/24 08:46	09/13/24 11:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/13/24 08:46	09/13/24 11:55	1
Xylenes, Total	<0.00396	U F1 F2	0.00396		mg/Kg		09/13/24 08:46	09/13/24 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	09/13/24 08:46	09/13/24 11:55	1
1,4-Difluorobenzene (Surr)	86		70 - 130	09/13/24 08:46	09/13/24 11:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0125		0.00396		mg/Kg			09/13/24 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/13/24 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 12:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 12:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/13/24 08:20	09/13/24 12:23	1
o-Terphenyl	80		70 - 130	09/13/24 08:20	09/13/24 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4620	F1	50.3		mg/Kg			09/14/24 02:28	10

Client Sample ID: TP - 1

Lab Sample ID: 890-7088-2

Date Collected: 09/11/24 09:03

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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		09/13/24 08:46	09/13/24 12:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 12:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 12:15	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/13/24 08:46	09/13/24 12:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 12:15	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/13/24 08:46	09/13/24 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	09/13/24 08:46	09/13/24 12:15	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 1

Lab Sample ID: 890-7088-2

Date Collected: 09/11/24 09:03

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	87		70 - 130	09/13/24 08:46	09/13/24 12:15	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			09/13/24 12:15	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			09/13/24 13:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 13:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 13:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/13/24 08:20	09/13/24 13:14	1
o-Terphenyl	87		70 - 130				09/13/24 08:20	09/13/24 13:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4190		25.1		mg/Kg			09/14/24 02:48	5

Client Sample ID: TP - 1

Lab Sample ID: 890-7088-3

Date Collected: 09/11/24 09:06

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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		09/13/24 08:46	09/13/24 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 12:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/13/24 08:46	09/13/24 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 12:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/13/24 08:46	09/13/24 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	09/13/24 08:46	09/13/24 12:36	1
1,4-Difluorobenzene (Surr)	89		70 - 130	09/13/24 08:46	09/13/24 12:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/13/24 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/13/24 13:31	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 1

Lab Sample ID: 890-7088-3

Date Collected: 09/11/24 09:06

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

Method: SW846 8015B 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		09/13/24 08:20	09/13/24 13:31	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/13/24 08:20	09/13/24 13:31	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/13/24 08:20	09/13/24 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/13/24 08:20	09/13/24 13:31	1
o-Terphenyl	84		70 - 130				09/13/24 08:20	09/13/24 13:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.1		5.03		mg/Kg			09/14/24 02:54	1

Client Sample ID: TP - 1

Lab Sample ID: 890-7088-4

Date Collected: 09/11/24 09:09

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

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		09/13/24 08:46	09/13/24 12:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:46	09/13/24 12:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:46	09/13/24 12:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/13/24 08:46	09/13/24 12:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:46	09/13/24 12:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/13/24 08:46	09/13/24 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				09/13/24 08:46	09/13/24 12:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/13/24 08:46	09/13/24 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/13/24 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	<49.7	U	49.7		mg/Kg			09/13/24 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 13:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 13:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/13/24 08:20	09/13/24 13:49	1
o-Terphenyl	80		70 - 130				09/13/24 08:20	09/13/24 13:49	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 1

Lab Sample ID: 890-7088-4

Date Collected: 09/11/24 09:09

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.05		mg/Kg			09/14/24 03:01	1

Client Sample ID: TP - 2

Lab Sample ID: 890-7088-5

Date Collected: 09/11/24 09:12

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0134		0.00199		mg/Kg		09/13/24 08:46	09/13/24 13:17	1
Toluene	0.0180		0.00199		mg/Kg		09/13/24 08:46	09/13/24 13:17	1
Ethylbenzene	0.00787		0.00199		mg/Kg		09/13/24 08:46	09/13/24 13:17	1
m-Xylene & p-Xylene	0.0174		0.00398		mg/Kg		09/13/24 08:46	09/13/24 13:17	1
o-Xylene	0.00518		0.00199		mg/Kg		09/13/24 08:46	09/13/24 13:17	1
Xylenes, Total	0.0226		0.00398		mg/Kg		09/13/24 08:46	09/13/24 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/13/24 08:46	09/13/24 13:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/13/24 08:46	09/13/24 13:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0619		0.00398		mg/Kg			09/13/24 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.0		50.0		mg/Kg			09/13/24 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 14:06	1
Diesel Range Organics (Over C10-C28)	73.0		50.0		mg/Kg		09/13/24 08:20	09/13/24 14:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/13/24 08:20	09/13/24 14:06	1
o-Terphenyl	92		70 - 130				09/13/24 08:20	09/13/24 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3930		49.8		mg/Kg			09/14/24 03:07	10

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 2

Lab Sample ID: 890-7088-6

Date Collected: 09/11/24 09:15

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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		09/13/24 08:46	09/13/24 13:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 13:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 13:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/13/24 08:46	09/13/24 13:38	1
o-Xylene	0.0153		0.00200		mg/Kg		09/13/24 08:46	09/13/24 13:38	1
Xylenes, Total	0.0153		0.00399		mg/Kg		09/13/24 08:46	09/13/24 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	09/13/24 08:46	09/13/24 13:38	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/13/24 08:46	09/13/24 13:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0153		0.00399		mg/Kg			09/13/24 13:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/13/24 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 14:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 14:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/13/24 08:20	09/13/24 14:24	1
o-Terphenyl	86		70 - 130	09/13/24 08:20	09/13/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.6		4.97		mg/Kg			09/14/24 03:26	1

Client Sample ID: TP - 2

Lab Sample ID: 890-7088-7

Date Collected: 09/11/24 09:18

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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		09/13/24 08:46	09/13/24 13:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 13:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 13:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/13/24 08:46	09/13/24 13:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 13:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/13/24 08:46	09/13/24 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	09/13/24 08:46	09/13/24 13:58	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 2

Lab Sample ID: 890-7088-7

Date Collected: 09/11/24 09:18

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	09/13/24 08:46	09/13/24 13:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/13/24 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/13/24 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	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 14:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 14:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				09/13/24 08:20	09/13/24 14:42	1
o-Terphenyl	85		70 - 130				09/13/24 08:20	09/13/24 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	707		4.95		mg/Kg			09/14/24 03:33	1

Client Sample ID: TP - 2

Lab Sample ID: 890-7088-8

Date Collected: 09/11/24 09:21

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

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		09/13/24 08:46	09/13/24 14:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 14:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 14:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/13/24 08:46	09/13/24 14:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 14:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/13/24 08:46	09/13/24 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	09/13/24 08:46	09/13/24 14:19	1
1,4-Difluorobenzene (Surr)	86		70 - 130	09/13/24 08:46	09/13/24 14:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/13/24 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/13/24 14:59	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 2

Lab Sample ID: 890-7088-8

Date Collected: 09/11/24 09:21

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

Method: SW846 8015B 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		09/13/24 08:20	09/13/24 14:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 14:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/13/24 08:20	09/13/24 14:59	1
o-Terphenyl	90		70 - 130				09/13/24 08:20	09/13/24 14:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336		5.02		mg/Kg			09/14/24 03:39	1

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-9

Date Collected: 09/11/24 09:24

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0141		0.00199		mg/Kg		09/13/24 08:46	09/13/24 14:40	1
Toluene	0.00884		0.00199		mg/Kg		09/13/24 08:46	09/13/24 14:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/13/24 08:46	09/13/24 14:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/13/24 08:46	09/13/24 14:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/13/24 08:46	09/13/24 14:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/13/24 08:46	09/13/24 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				09/13/24 08:46	09/13/24 14:40	1
1,4-Difluorobenzene (Surr)	87		70 - 130				09/13/24 08:46	09/13/24 14:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0229		0.00398		mg/Kg			09/13/24 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/13/24 15:17	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	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 15:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 15:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				09/13/24 08:20	09/13/24 15:17	1
o-Terphenyl	69	S1-	70 - 130				09/13/24 08:20	09/13/24 15:17	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-9

Date Collected: 09/11/24 09:24

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2940		24.8		mg/Kg			09/14/24 03:46	5

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-10

Date Collected: 09/11/24 09:27

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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		09/13/24 08:46	09/13/24 15:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/13/24 08:46	09/13/24 15:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/13/24 08:46	09/13/24 15:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/13/24 08:46	09/13/24 15:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/13/24 08:46	09/13/24 15:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/13/24 08:46	09/13/24 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				09/13/24 08:46	09/13/24 15:00	1
1,4-Difluorobenzene (Surr)	86		70 - 130				09/13/24 08:46	09/13/24 15:00	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			09/13/24 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/13/24 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 15:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 15:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/13/24 08:20	09/13/24 15:35	1
o-Terphenyl	86		70 - 130				09/13/24 08:20	09/13/24 15:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	606		4.97		mg/Kg			09/14/24 03:52	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-11

Date Collected: 09/11/24 09:30

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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		09/13/24 08:46	09/13/24 17:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:46	09/13/24 17:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:46	09/13/24 17:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/13/24 08:46	09/13/24 17:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:46	09/13/24 17:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/13/24 08:46	09/13/24 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	09/13/24 08:46	09/13/24 17:20	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/13/24 08:46	09/13/24 17:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/13/24 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	<49.8	U	49.8		mg/Kg			09/13/24 16:28	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		09/13/24 08:20	09/13/24 16:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 16:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/13/24 08:20	09/13/24 16:28	1
o-Terphenyl	86		70 - 130	09/13/24 08:20	09/13/24 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.6		4.99		mg/Kg			09/14/24 03:59	1

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-12

Date Collected: 09/11/24 09:33

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

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		09/13/24 08:46	09/13/24 17:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 17:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 17:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/13/24 08:46	09/13/24 17:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 17:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/13/24 08:46	09/13/24 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	09/13/24 08:46	09/13/24 17:40	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-12

Date Collected: 09/11/24 09:33

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	97		70 - 130	09/13/24 08:46	09/13/24 17:40	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			09/13/24 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/13/24 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/13/24 08:20	09/13/24 16:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/13/24 08:20	09/13/24 16:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/13/24 08:20	09/13/24 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/13/24 08:20	09/13/24 16:46	1
o-Terphenyl	84		70 - 130				09/13/24 08:20	09/13/24 16:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.6		4.96		mg/Kg			09/14/24 04:18	1

Client Sample ID: TP - 4

Lab Sample ID: 890-7088-13

Date Collected: 09/11/24 09:36

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 1'

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		09/16/24 08:50	09/16/24 13:16	1
Toluene	0.00818		0.00202		mg/Kg		09/13/24 08:46	09/13/24 18:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 18:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/16/24 08:50	09/16/24 13:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/13/24 08:46	09/13/24 18:01	1
Xylenes, Total	0.00458		0.00403		mg/Kg		09/13/24 08:46	09/13/24 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	09/13/24 08:46	09/13/24 18:01	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/13/24 08:46	09/13/24 18:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00818		0.00402		mg/Kg			09/16/24 13:16	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			09/13/24 17:04	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 4
Date Collected: 09/11/24 09:36
Date Received: 09/12/24 10:48
Sample Depth: 1'

Lab Sample ID: 890-7088-13
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 17:04	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 17:04	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 17:04	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	97		70 - 130				09/13/24 08:20	09/13/24 17:04	1	
o-Terphenyl	89		70 - 130				09/13/24 08:20	09/13/24 17:04	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	5910		50.5		mg/Kg			09/14/24 04:25	10	

Client Sample ID: TP - 4
Date Collected: 09/11/24 09:39
Date Received: 09/12/24 10:48
Sample Depth: 2'

Lab Sample ID: 890-7088-14
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		09/16/24 08:50	09/16/24 13:37	1	
Toluene	0.00874		0.00199		mg/Kg		09/13/24 08:46	09/13/24 18:22	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/13/24 08:46	09/13/24 18:22	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/16/24 08:50	09/16/24 13:37	1	
o-Xylene	0.00398		0.00199		mg/Kg		09/13/24 08:46	09/13/24 18:22	1	
Xylenes, Total	0.0103		0.00398		mg/Kg		09/13/24 08:46	09/13/24 18:22	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	82		70 - 130				09/13/24 08:46	09/13/24 18:22	1	
1,4-Difluorobenzene (Surr)	90		70 - 130				09/13/24 08:46	09/13/24 18:22	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.0127		0.00398		mg/Kg			09/16/24 13:37	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			09/13/24 17:21	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/13/24 08:20	09/13/24 17:21	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/13/24 08:20	09/13/24 17:21	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/13/24 08:20	09/13/24 17:21	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	93		70 - 130				09/13/24 08:20	09/13/24 17:21	1	
o-Terphenyl	86		70 - 130				09/13/24 08:20	09/13/24 17:21	1	

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 4

Lab Sample ID: 890-7088-14

Date Collected: 09/11/24 09:39

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4720		49.8		mg/Kg			09/14/24 04:44	10

Client Sample ID: TP - 4

Lab Sample ID: 890-7088-15

Date Collected: 09/11/24 09:42

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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		09/16/24 08:50	09/16/24 13:57	1
Toluene	0.00540		0.00198		mg/Kg		09/13/24 08:46	09/13/24 18:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/13/24 08:46	09/13/24 18:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/16/24 08:50	09/16/24 13:57	1
o-Xylene	0.00412		0.00198		mg/Kg		09/13/24 08:46	09/13/24 18:42	1
Xylenes, Total	0.00890		0.00397		mg/Kg		09/13/24 08:46	09/13/24 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				09/13/24 08:46	09/13/24 18:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/13/24 08:46	09/13/24 18:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00952		0.00399		mg/Kg			09/16/24 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/13/24 17:39	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		09/13/24 08:20	09/13/24 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/13/24 08:20	09/13/24 17:39	1
o-Terphenyl	89		70 - 130				09/13/24 08:20	09/13/24 17:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3990		25.1		mg/Kg			09/14/24 04:51	5

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 4
Date Collected: 09/11/24 09:45
Date Received: 09/12/24 10:48
Sample Depth: 4'

Lab Sample ID: 890-7088-16
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/16/24 08:50	09/16/24 14:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 19:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 19:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/16/24 08:50	09/16/24 14:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 19:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/13/24 08:46	09/13/24 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				09/13/24 08:46	09/13/24 19:03	1
1,4-Difluorobenzene (Surr)	93		70 - 130				09/13/24 08:46	09/13/24 19:03	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			09/16/24 14:18	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			09/13/24 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 17:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 17:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:20	09/13/24 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/13/24 08:20	09/13/24 17:57	1
o-Terphenyl	94		70 - 130				09/13/24 08:20	09/13/24 17:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1380		24.9		mg/Kg			09/14/24 04:57	5

Client Sample ID: TP - 5
Date Collected: 09/11/24 09:48
Date Received: 09/12/24 10:48
Sample Depth: 1'

Lab Sample ID: 890-7088-17
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/16/24 08:50	09/16/24 14:38	1
Toluene	0.00559		0.00200		mg/Kg		09/13/24 08:46	09/13/24 19:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 19:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/16/24 08:50	09/16/24 14:38	1
o-Xylene	0.00410		0.00200		mg/Kg		09/13/24 08:46	09/13/24 19:23	1
Xylenes, Total	0.00410		0.00400		mg/Kg		09/13/24 08:46	09/13/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130				09/13/24 08:46	09/13/24 19:23	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 5

Lab Sample ID: 890-7088-17

Date Collected: 09/11/24 09:48

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 1'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	09/13/24 08:46	09/13/24 19:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00969		0.00401		mg/Kg			09/16/24 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/13/24 18:15	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		09/13/24 08:20	09/13/24 18:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 18:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/13/24 08:20	09/13/24 18:15	1
o-Terphenyl	85		70 - 130				09/13/24 08:20	09/13/24 18:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5670		49.8		mg/Kg			09/14/24 05:04	10

Client Sample ID: TP - 5

Lab Sample ID: 890-7088-18

Date Collected: 09/11/24 09:51

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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		09/16/24 08:50	09/16/24 14:59	1
Toluene	0.0136		0.00199		mg/Kg		09/13/24 08:46	09/13/24 19:44	1
Ethylbenzene	0.0206		0.00199		mg/Kg		09/13/24 08:46	09/13/24 19:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/16/24 08:50	09/16/24 14:59	1
o-Xylene	0.0170		0.00199		mg/Kg		09/13/24 08:46	09/13/24 19:44	1
Xylenes, Total	0.0786		0.00398		mg/Kg		09/13/24 08:46	09/13/24 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/13/24 08:46	09/13/24 19:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/13/24 08:46	09/13/24 19:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0512		0.00398		mg/Kg			09/16/24 14:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/13/24 18:33	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 5
Date Collected: 09/11/24 09:51
Date Received: 09/12/24 10:48
Sample Depth: 2'

Lab Sample ID: 890-7088-18
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 18:33	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 18:33	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:20	09/13/24 18:33	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	98		70 - 130				09/13/24 08:20	09/13/24 18:33	1	
o-Terphenyl	89		70 - 130				09/13/24 08:20	09/13/24 18:33	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	2980		24.8		mg/Kg			09/14/24 05:10	5	

Client Sample ID: TP - 5
Date Collected: 09/11/24 09:54
Date Received: 09/12/24 10:48
Sample Depth: 3'

Lab Sample ID: 890-7088-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		09/16/24 08:50	09/16/24 15:19	1	
Toluene	0.112		0.00202		mg/Kg		09/13/24 08:46	09/13/24 20:05	1	
Ethylbenzene	0.0924		0.00202		mg/Kg		09/13/24 08:46	09/13/24 20:05	1	
m-Xylene & p-Xylene	0.00558		0.00398		mg/Kg		09/16/24 08:50	09/16/24 15:19	1	
o-Xylene	0.123		0.00202		mg/Kg		09/13/24 08:46	09/13/24 20:05	1	
Xylenes, Total	0.500		0.00404		mg/Kg		09/13/24 08:46	09/13/24 20:05	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130				09/13/24 08:46	09/13/24 20:05	1	
1,4-Difluorobenzene (Surr)	106		70 - 130				09/13/24 08:46	09/13/24 20:05	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.333		0.00398		mg/Kg			09/16/24 15:19	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	83.7		50.0		mg/Kg			09/13/24 12:23	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/13/24 08:23	09/13/24 12:23	1	
Diesel Range Organics (Over C10-C28)	83.7	*1	50.0		mg/Kg		09/13/24 08:23	09/13/24 12:23	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 12:23	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	128		70 - 130				09/13/24 08:23	09/13/24 12:23	1	
o-Terphenyl	131	S1+	70 - 130				09/13/24 08:23	09/13/24 12:23	1	

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 5

Lab Sample ID: 890-7088-19

Date Collected: 09/11/24 09:54

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		24.8		mg/Kg			09/14/24 05:17	5

Client Sample ID: TP - 5

Lab Sample ID: 890-7088-20

Date Collected: 09/11/24 09:57

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

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		09/16/24 08:50	09/16/24 16:42	1
Toluene	0.0259		0.00202		mg/Kg		09/13/24 08:46	09/13/24 20:25	1
Ethylbenzene	0.0226		0.00202		mg/Kg		09/13/24 08:46	09/13/24 20:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/16/24 08:50	09/16/24 16:42	1
o-Xylene	0.0920		0.00202		mg/Kg		09/13/24 08:46	09/13/24 20:25	1
Xylenes, Total	0.194		0.00403		mg/Kg		09/13/24 08:46	09/13/24 20:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				09/13/24 08:46	09/13/24 20:25	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/13/24 08:46	09/13/24 20:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.141		0.00402		mg/Kg			09/16/24 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53.9		49.8		mg/Kg			09/13/24 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/13/24 08:23	09/13/24 13:49	1
Diesel Range Organics (Over C10-C28)	53.9	*1	49.8		mg/Kg		09/13/24 08:23	09/13/24 13:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:23	09/13/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/13/24 08:23	09/13/24 13:49	1
o-Terphenyl	107		70 - 130				09/13/24 08:23	09/13/24 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		5.05		mg/Kg			09/14/24 05:23	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 6
Date Collected: 09/11/24 10:00
Date Received: 09/12/24 10:48
Sample Depth: 1'

Lab Sample ID: 890-7088-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:45	09/13/24 12:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:45	09/13/24 12:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:45	09/13/24 12:10	1
m-Xylene & p-Xylene	0.00524		0.00402		mg/Kg		09/13/24 08:45	09/13/24 12:10	1
o-Xylene	0.00236		0.00201		mg/Kg		09/13/24 08:45	09/13/24 12:10	1
Xylenes, Total	0.00760		0.00402		mg/Kg		09/13/24 08:45	09/13/24 12:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/13/24 08:45	09/13/24 12:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/13/24 08:45	09/13/24 12:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00760		0.00402		mg/Kg			09/13/24 12:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70.0		49.9		mg/Kg			09/13/24 14:06	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		09/13/24 08:23	09/13/24 14:06	1
Diesel Range Organics (Over C10-C28)	70.0	*1	49.9		mg/Kg		09/13/24 08:23	09/13/24 14:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/13/24 08:23	09/13/24 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/13/24 08:23	09/13/24 14:06	1
o-Terphenyl	113		70 - 130				09/13/24 08:23	09/13/24 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	701	F1	4.96		mg/Kg			09/14/24 06:15	1

Client Sample ID: TP - 6
Date Collected: 09/11/24 10:03
Date Received: 09/12/24 10:48
Sample Depth: 2'

Lab Sample ID: 890-7088-22
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		09/13/24 08:45	09/13/24 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 12:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/13/24 08:45	09/13/24 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 12:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/13/24 08:45	09/13/24 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				09/13/24 08:45	09/13/24 12:30	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 6

Lab Sample ID: 890-7088-22

Date Collected: 09/11/24 10:03

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	108		70 - 130	09/13/24 08:45	09/13/24 12:30	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			09/13/24 12:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.0		49.8		mg/Kg			09/13/24 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/13/24 08:23	09/13/24 14:24	1
Diesel Range Organics (Over C10-C28)	50.0	*1	49.8		mg/Kg		09/13/24 08:23	09/13/24 14:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:23	09/13/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				09/13/24 08:23	09/13/24 14:24	1
o-Terphenyl	124		70 - 130				09/13/24 08:23	09/13/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		24.8		mg/Kg			09/14/24 06:34	5

Client Sample ID: TP - 6

Lab Sample ID: 890-7088-23

Date Collected: 09/11/24 10:06

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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		09/13/24 08:45	09/13/24 12:51	1
Toluene	0.00469		0.00201		mg/Kg		09/13/24 08:45	09/13/24 12:51	1
Ethylbenzene	0.00357		0.00201		mg/Kg		09/13/24 08:45	09/13/24 12:51	1
m-Xylene & p-Xylene	0.0241		0.00402		mg/Kg		09/13/24 08:45	09/13/24 12:51	1
o-Xylene	0.00815		0.00201		mg/Kg		09/13/24 08:45	09/13/24 12:51	1
Xylenes, Total	0.0323		0.00402		mg/Kg		09/13/24 08:45	09/13/24 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/13/24 08:45	09/13/24 12:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130	09/13/24 08:45	09/13/24 12:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0405		0.00402		mg/Kg			09/13/24 12:51	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			09/13/24 14:42	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 6

Lab Sample ID: 890-7088-23

Date Collected: 09/11/24 10:06

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

Method: SW846 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		09/13/24 08:23	09/13/24 14:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/13/24 08:23	09/13/24 14:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/13/24 08:23	09/13/24 14:42	1
o-Terphenyl	111		70 - 130				09/13/24 08:23	09/13/24 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2880		24.9		mg/Kg			09/14/24 06:41	5

Client Sample ID: TP - 6

Lab Sample ID: 890-7088-24

Date Collected: 09/11/24 10:09

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00308		0.00201		mg/Kg		09/13/24 08:45	09/13/24 13:11	1
Toluene	0.0139		0.00201		mg/Kg		09/13/24 08:45	09/13/24 13:11	1
Ethylbenzene	0.00456		0.00201		mg/Kg		09/13/24 08:45	09/13/24 13:11	1
m-Xylene & p-Xylene	0.0283		0.00402		mg/Kg		09/13/24 08:45	09/13/24 13:11	1
o-Xylene	0.0104		0.00201		mg/Kg		09/13/24 08:45	09/13/24 13:11	1
Xylenes, Total	0.0387		0.00402		mg/Kg		09/13/24 08:45	09/13/24 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				09/13/24 08:45	09/13/24 13:11	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/13/24 08:45	09/13/24 13:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0602		0.00402		mg/Kg			09/13/24 13:11	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			09/13/24 14:59	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		09/13/24 08:23	09/13/24 14:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		09/13/24 08:23	09/13/24 14:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:23	09/13/24 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/13/24 08:23	09/13/24 14:59	1
o-Terphenyl	117		70 - 130				09/13/24 08:23	09/13/24 14:59	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 6

Lab Sample ID: 890-7088-24

Date Collected: 09/11/24 10:09

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		24.9		mg/Kg			09/14/24 06:47	5

Client Sample ID: TP - 6

Lab Sample ID: 890-7088-25

Date Collected: 09/11/24 10:12

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 5'

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		09/13/24 08:45	09/13/24 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 13:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/13/24 08:45	09/13/24 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 13:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/13/24 08:45	09/13/24 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				09/13/24 08:45	09/13/24 13:32	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/13/24 08:45	09/13/24 13:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/13/24 13:32	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			09/13/24 15:17	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	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 15:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 15:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:23	09/13/24 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/13/24 08:23	09/13/24 15:17	1
o-Terphenyl	110		70 - 130				09/13/24 08:23	09/13/24 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2910		24.8		mg/Kg			09/14/24 06:54	5

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-26

Date Collected: 09/11/24 10:15

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0247		0.00199		mg/Kg		09/13/24 08:45	09/13/24 13:52	1
Toluene	0.164		0.00199		mg/Kg		09/13/24 08:45	09/13/24 13:52	1
Ethylbenzene	0.0995		0.00199		mg/Kg		09/13/24 08:45	09/13/24 13:52	1
m-Xylene & p-Xylene	0.458		0.00398		mg/Kg		09/13/24 08:45	09/13/24 13:52	1
o-Xylene	0.126		0.00199		mg/Kg		09/13/24 08:45	09/13/24 13:52	1
Xylenes, Total	0.584		0.00398		mg/Kg		09/13/24 08:45	09/13/24 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	09/13/24 08:45	09/13/24 13:52	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130	09/13/24 08:45	09/13/24 13:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.872		0.00398		mg/Kg			09/13/24 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	584		49.7		mg/Kg			09/13/24 15:35	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	55.2	*1	49.7		mg/Kg		09/13/24 08:23	09/13/24 15:35	1
Diesel Range Organics (Over C10-C28)	529	*1	49.7		mg/Kg		09/13/24 08:23	09/13/24 15:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:23	09/13/24 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	09/13/24 08:23	09/13/24 15:35	1
o-Terphenyl	136	S1+	70 - 130	09/13/24 08:23	09/13/24 15:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2790		24.8		mg/Kg			09/14/24 07:13	5

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-27

Date Collected: 09/11/24 10:18

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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		09/13/24 08:45	09/13/24 14:13	1
Toluene	0.00741		0.00201		mg/Kg		09/13/24 08:45	09/13/24 14:13	1
Ethylbenzene	0.00446		0.00201		mg/Kg		09/13/24 08:45	09/13/24 14:13	1
m-Xylene & p-Xylene	0.0308		0.00402		mg/Kg		09/13/24 08:45	09/13/24 14:13	1
o-Xylene	0.0111		0.00201		mg/Kg		09/13/24 08:45	09/13/24 14:13	1
Xylenes, Total	0.0419		0.00402		mg/Kg		09/13/24 08:45	09/13/24 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/13/24 08:45	09/13/24 14:13	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-27

Date Collected: 09/11/24 10:18

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	78		70 - 130	09/13/24 08:45	09/13/24 14:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0538		0.00402		mg/Kg			09/13/24 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/13/24 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/13/24 08:23	09/13/24 16:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/13/24 08:23	09/13/24 16:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/13/24 08:23	09/13/24 16:28	1
o-Terphenyl	110		70 - 130				09/13/24 08:23	09/13/24 16:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2420		24.0		mg/Kg			09/14/24 07:19	5

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-28

Date Collected: 09/11/24 10:21

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.111		0.00200		mg/Kg		09/13/24 08:45	09/13/24 14:33	1
Toluene	1.77		0.101		mg/Kg		09/14/24 12:21	09/15/24 00:03	50
Ethylbenzene	1.06		0.101		mg/Kg		09/14/24 12:21	09/15/24 00:03	50
m-Xylene & p-Xylene	5.37		0.202		mg/Kg		09/14/24 12:21	09/15/24 00:03	50
o-Xylene	1.95		0.101		mg/Kg		09/14/24 12:21	09/15/24 00:03	50
Xylenes, Total	7.32		0.202		mg/Kg		09/14/24 12:21	09/15/24 00:03	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	281	S1+	70 - 130	09/13/24 08:45	09/13/24 14:33	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	09/13/24 08:45	09/13/24 14:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.202		mg/Kg			09/15/24 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	902		49.9		mg/Kg			09/13/24 16:46	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-28

Date Collected: 09/11/24 10:21

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	112	*1	49.9		mg/Kg		09/13/24 08:23	09/13/24 16:46	1	
Diesel Range Organics (Over C10-C28)	790	*1	49.9		mg/Kg		09/13/24 08:23	09/13/24 16:46	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/13/24 08:23	09/13/24 16:46	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	126		70 - 130				09/13/24 08:23	09/13/24 16:46	1	
o-Terphenyl	132	S1+	70 - 130				09/13/24 08:23	09/13/24 16:46	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	3750		49.8		mg/Kg			09/14/24 07:26	10	

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-29

Date Collected: 09/11/24 10:24

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

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		09/13/24 08:45	09/13/24 14:54	1	
Toluene	0.00804		0.00200		mg/Kg		09/13/24 08:45	09/13/24 14:54	1	
Ethylbenzene	0.00368		0.00200		mg/Kg		09/13/24 08:45	09/13/24 14:54	1	
m-Xylene & p-Xylene	0.0295		0.00399		mg/Kg		09/13/24 08:45	09/13/24 14:54	1	
o-Xylene	0.00952		0.00200		mg/Kg		09/13/24 08:45	09/13/24 14:54	1	
Xylenes, Total	0.0390		0.00399		mg/Kg		09/13/24 08:45	09/13/24 14:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	112		70 - 130				09/13/24 08:45	09/13/24 14:54	1	
1,4-Difluorobenzene (Surr)	81		70 - 130				09/13/24 08:45	09/13/24 14:54	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.0507		0.00399		mg/Kg			09/13/24 14:54	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			09/13/24 17:04	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 *1	49.9		mg/Kg		09/13/24 08:23	09/13/24 17:04	1	
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		09/13/24 08:23	09/13/24 17:04	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/13/24 08:23	09/13/24 17:04	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	101		70 - 130				09/13/24 08:23	09/13/24 17:04	1	
o-Terphenyl	101		70 - 130				09/13/24 08:23	09/13/24 17:04	1	

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-29

Date Collected: 09/11/24 10:24

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2770		25.3		mg/Kg			09/14/24 07:32	5

Client Sample ID: TP - 7

Lab Sample ID: 890-7088-30

Date Collected: 09/11/24 10:27

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 5'

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		09/13/24 08:45	09/13/24 15:15	1
Toluene	0.00252		0.00201		mg/Kg		09/13/24 08:45	09/13/24 15:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:45	09/13/24 15:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/13/24 08:45	09/13/24 15:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/13/24 08:45	09/13/24 15:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/13/24 08:45	09/13/24 15:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/13/24 08:45	09/13/24 15:15	1
1,4-Difluorobenzene (Surr)	83		70 - 130				09/13/24 08:45	09/13/24 15:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/13/24 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/13/24 17:21	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		09/13/24 08:23	09/13/24 17:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/13/24 08:23	09/13/24 17:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/13/24 08:23	09/13/24 17:21	1
o-Terphenyl	106		70 - 130				09/13/24 08:23	09/13/24 17:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2290		24.9		mg/Kg			09/14/24 07:39	5

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 8
Date Collected: 09/11/24 10:30
Date Received: 09/12/24 10:48
Sample Depth: 1'

Lab Sample ID: 890-7088-31
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0142		0.00200		mg/Kg		09/13/24 08:45	09/13/24 17:50	1
Toluene	0.0533		0.00200		mg/Kg		09/13/24 08:45	09/13/24 17:50	1
Ethylbenzene	0.0470		0.00200		mg/Kg		09/13/24 08:45	09/13/24 17:50	1
m-Xylene & p-Xylene	0.231		0.00399		mg/Kg		09/13/24 08:45	09/13/24 17:50	1
o-Xylene	0.0797		0.00200		mg/Kg		09/13/24 08:45	09/13/24 17:50	1
Xylenes, Total	0.311		0.00399		mg/Kg		09/13/24 08:45	09/13/24 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				09/13/24 08:45	09/13/24 17:50	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130				09/13/24 08:45	09/13/24 17:50	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.425		0.00399		mg/Kg			09/13/24 17:50	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	101		49.8		mg/Kg			09/13/24 17:39	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/13/24 08:23	09/13/24 17:39	1
Diesel Range Organics (Over C10-C28)	101	*1	49.8		mg/Kg		09/13/24 08:23	09/13/24 17:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:23	09/13/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/13/24 08:23	09/13/24 17:39	1
o-Terphenyl	98		70 - 130				09/13/24 08:23	09/13/24 17:39	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3890	F1	50.4		mg/Kg			09/14/24 07:45	10

Client Sample ID: TP - 8
Date Collected: 09/11/24 10:33
Date Received: 09/12/24 10:48
Sample Depth: 2'

Lab Sample ID: 890-7088-32
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0145		0.00202		mg/Kg		09/13/24 08:45	09/13/24 18:11	1
Toluene	0.0124		0.00202		mg/Kg		09/13/24 08:45	09/13/24 18:11	1
Ethylbenzene	0.00353		0.00202		mg/Kg		09/13/24 08:45	09/13/24 18:11	1
m-Xylene & p-Xylene	0.0217		0.00404		mg/Kg		09/13/24 08:45	09/13/24 18:11	1
o-Xylene	0.00887		0.00202		mg/Kg		09/13/24 08:45	09/13/24 18:11	1
Xylenes, Total	0.0306		0.00404		mg/Kg		09/13/24 08:45	09/13/24 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				09/13/24 08:45	09/13/24 18:11	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 8

Lab Sample ID: 890-7088-32

Date Collected: 09/11/24 10:33

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 2'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	90		70 - 130	09/13/24 08:45	09/13/24 18:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0610		0.00404		mg/Kg			09/13/24 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/13/24 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 17:57	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 17:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:23	09/13/24 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/13/24 08:23	09/13/24 17:57	1
o-Terphenyl	113		70 - 130				09/13/24 08:23	09/13/24 17:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7300		50.2		mg/Kg			09/14/24 08:05	10

Client Sample ID: TP - 8

Lab Sample ID: 890-7088-33

Date Collected: 09/11/24 10:36

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00240		0.00201		mg/Kg		09/13/24 08:45	09/13/24 18:31	1
Toluene	0.00986		0.00201		mg/Kg		09/13/24 08:45	09/13/24 18:31	1
Ethylbenzene	0.0123		0.00201		mg/Kg		09/13/24 08:45	09/13/24 18:31	1
m-Xylene & p-Xylene	0.0751		0.00402		mg/Kg		09/13/24 08:45	09/13/24 18:31	1
o-Xylene	0.0234		0.00201		mg/Kg		09/13/24 08:45	09/13/24 18:31	1
Xylenes, Total	0.0985		0.00402		mg/Kg		09/13/24 08:45	09/13/24 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	09/13/24 08:45	09/13/24 18:31	1
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130	09/13/24 08:45	09/13/24 18:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.123		0.00402		mg/Kg			09/13/24 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	207		49.8		mg/Kg			09/13/24 18:15	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 8

Lab Sample ID: 890-7088-33

Date Collected: 09/11/24 10:36

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 3'

Method: SW846 8015B 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		09/13/24 08:23	09/13/24 18:15	1	
Diesel Range Organics (Over C10-C28)	207	*1	49.8		mg/Kg		09/13/24 08:23	09/13/24 18:15	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/13/24 08:23	09/13/24 18:15	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	108		70 - 130				09/13/24 08:23	09/13/24 18:15	1	
o-Terphenyl	111		70 - 130				09/13/24 08:23	09/13/24 18:15	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	3260		25.2		mg/Kg			09/14/24 08:11	5	

Client Sample ID: TP - 8

Lab Sample ID: 890-7088-34

Date Collected: 09/11/24 10:39

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	0.0155		0.00199		mg/Kg		09/13/24 08:45	09/13/24 18:52	1	
Toluene	0.0137		0.00199		mg/Kg		09/13/24 08:45	09/13/24 18:52	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/13/24 08:45	09/13/24 18:52	1	
m-Xylene & p-Xylene	0.00812		0.00398		mg/Kg		09/13/24 08:45	09/13/24 18:52	1	
o-Xylene	0.00349		0.00199		mg/Kg		09/13/24 08:45	09/13/24 18:52	1	
Xylenes, Total	0.0116		0.00398		mg/Kg		09/13/24 08:45	09/13/24 18:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	104		70 - 130				09/13/24 08:45	09/13/24 18:52	1	
1,4-Difluorobenzene (Surr)	97		70 - 130				09/13/24 08:45	09/13/24 18:52	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	0.0408		0.00398		mg/Kg			09/13/24 18:52	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			09/13/24 18:33	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 18:33	1	
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 18:33	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:23	09/13/24 18:33	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	105		70 - 130				09/13/24 08:23	09/13/24 18:33	1	
o-Terphenyl	106		70 - 130				09/13/24 08:23	09/13/24 18:33	1	

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 8

Lab Sample ID: 890-7088-34

Date Collected: 09/11/24 10:39

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 4'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5070		50.5		mg/Kg			09/14/24 08:43	10

Client Sample ID: TP - 8

Lab Sample ID: 890-7088-35

Date Collected: 09/11/24 10:42

Matrix: Solid

Date Received: 09/12/24 10:48

Sample Depth: 5'

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		09/13/24 08:45	09/13/24 19:12	1
Toluene	0.00202		0.00198		mg/Kg		09/13/24 08:45	09/13/24 19:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/13/24 08:45	09/13/24 19:12	1
m-Xylene & p-Xylene	0.0104		0.00397		mg/Kg		09/13/24 08:45	09/13/24 19:12	1
o-Xylene	0.00518		0.00198		mg/Kg		09/13/24 08:45	09/13/24 19:12	1
Xylenes, Total	0.0156		0.00397		mg/Kg		09/13/24 08:45	09/13/24 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				09/13/24 08:45	09/13/24 19:12	1
1,4-Difluorobenzene (Surr)	94		70 - 130				09/13/24 08:45	09/13/24 19:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0176		0.00397		mg/Kg			09/13/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/13/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 18:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		09/13/24 08:23	09/13/24 18:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/13/24 08:23	09/13/24 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/13/24 08:23	09/13/24 18:50	1
o-Terphenyl	116		70 - 130				09/13/24 08:23	09/13/24 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	610		4.98		mg/Kg			09/14/24 08:50	1

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Client Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 8
Date Collected: 09/11/24 10:45
Date Received: 09/12/24 10:48
Sample Depth: 6'

Lab Sample ID: 890-7088-36
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 19:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 19:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 19:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/13/24 08:45	09/13/24 19:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 19:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/13/24 08:45	09/13/24 19:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				09/13/24 08:45	09/13/24 19:33	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/13/24 08:45	09/13/24 19:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/13/24 19:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/13/24 19:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		09/13/24 08:23	09/13/24 19:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/13/24 08:23	09/13/24 19:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 19:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/13/24 08:23	09/13/24 19:07	1
o-Terphenyl	116		70 - 130				09/13/24 08:23	09/13/24 19:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	211		4.98		mg/Kg			09/14/24 08:56	1

Surrogate Summary

Client: NT Global

Job ID: 890-7088-1

Project/Site: Poseidon Donnie Hill Mainline

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)
880-48439-A-1-E MS	Matrix Spike	107	99
880-48439-A-1-F MSD	Matrix Spike Duplicate	96	97
890-7088-1	TP - 1	76	86
890-7088-1 MS	TP - 1	114	115
890-7088-1 MSD	TP - 1	107	104
890-7088-2	TP - 1	84	87
890-7088-3	TP - 1	77	89
890-7088-4	TP - 1	85	92
890-7088-5	TP - 2	103	106
890-7088-6	TP - 2	67 S1-	107
890-7088-7	TP - 2	81	92
890-7088-8	TP - 2	76	86
890-7088-9	TP - 3	75	87
890-7088-10	TP - 3	73	86
890-7088-11	TP - 3	93	94
890-7088-12	TP - 3	86	97
890-7088-13	TP - 4	87	97
890-7088-14	TP - 4	82	90
890-7088-15	TP - 4	79	101
890-7088-16	TP - 4	73	93
890-7088-17	TP - 5	71	88
890-7088-18	TP - 5	102	99
890-7088-19	TP - 5	148 S1+	106
890-7088-20	TP - 5	112	106
890-7088-21	TP - 6	95	100
890-7088-21 MS	TP - 6	114	88
890-7088-21 MSD	TP - 6	114	100
890-7088-22	TP - 6	99	108
890-7088-23	TP - 6	92	93
890-7088-24	TP - 6	94	92
890-7088-25	TP - 6	118	103
890-7088-26	TP - 7	76	67 S1-
890-7088-27	TP - 7	109	78
890-7088-28	TP - 7	281 S1+	66 S1-
890-7088-29	TP - 7	112	81
890-7088-30	TP - 7	101	83
890-7088-31	TP - 8	78	67 S1-
890-7088-32	TP - 8	102	90
890-7088-33	TP - 8	65 S1-	61 S1-
890-7088-34	TP - 8	104	97
890-7088-35	TP - 8	111	94
890-7088-36	TP - 8	113	96
890-7091-A-1-C MS	Matrix Spike	101	100
890-7091-A-1-D MSD	Matrix Spike Duplicate	106	97
LCS 880-90658/1-A	Lab Control Sample	108	91
LCS 880-90659/1-A	Lab Control Sample	103	109
LCS 880-90770/1-A	Lab Control Sample	104	96
LCS 880-90805/1-A	Lab Control Sample	103	98
LCSD 880-90658/2-A	Lab Control Sample Dup	115	96

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Surrogate Summary

Client: NT Global

Job ID: 890-7088-1

Project/Site: Poseidon Donnie Hill Mainline

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)
LCSD 880-90659/2-A	Lab Control Sample Dup	110	114
LCSD 880-90770/2-A	Lab Control Sample Dup	111	100
LCSD 880-90805/2-A	Lab Control Sample Dup	97	99
MB 880-90658/5-A	Method Blank	162 S1+	103
MB 880-90659/5-A	Method Blank	72	98
MB 880-90770/5-A	Method Blank	166 S1+	110
MB 880-90805/5-A	Method Blank	100	95
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)
890-7088-1	TP - 1	83	80
890-7088-1 MS	TP - 1	99	102
890-7088-1 MSD	TP - 1	99	101
890-7088-2	TP - 1	92	87
890-7088-3	TP - 1	92	84
890-7088-4	TP - 1	88	80
890-7088-5	TP - 2	98	92
890-7088-6	TP - 2	95	86
890-7088-7	TP - 2	93	85
890-7088-8	TP - 2	98	90
890-7088-9	TP - 3	67 S1-	69 S1-
890-7088-10	TP - 3	95	86
890-7088-11	TP - 3	95	86
890-7088-12	TP - 3	92	84
890-7088-13	TP - 4	97	89
890-7088-14	TP - 4	93	86
890-7088-15	TP - 4	98	89
890-7088-16	TP - 4	101	94
890-7088-17	TP - 5	95	85
890-7088-18	TP - 5	98	89
890-7088-19	TP - 5	128	131 S1+
890-7088-19 MS	TP - 5	97	107
890-7088-19 MSD	TP - 5	101	113
890-7088-20	TP - 5	105	107
890-7088-21	TP - 6	112	113
890-7088-22	TP - 6	122	124
890-7088-23	TP - 6	110	111
890-7088-24	TP - 6	116	117
890-7088-25	TP - 6	111	110
890-7088-26	TP - 7	127	136 S1+
890-7088-27	TP - 7	108	110
890-7088-28	TP - 7	126	132 S1+
890-7088-29	TP - 7	101	101

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Surrogate Summary

Client: NT Global

Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1

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)
890-7088-30	TP - 7	105	106
890-7088-31	TP - 8	96	98
890-7088-32	TP - 8	111	113
890-7088-33	TP - 8	108	111
890-7088-34	TP - 8	105	106
890-7088-35	TP - 8	116	116
890-7088-36	TP - 8	116	116
LCS 880-90654/2-A	Lab Control Sample	106	110
LCS 880-90655/2-A	Lab Control Sample	118	136 S1+
LCSD 880-90654/3-A	Lab Control Sample Dup	102	106
LCSD 880-90655/3-A	Lab Control Sample Dup	84	97
MB 880-90654/1-A	Method Blank	151 S1+	139 S1+
MB 880-90655/1-A	Method Blank	138 S1+	144 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-90658/5-A

Matrix: Solid

Analysis Batch: 90660

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 90658

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/13/24 08:45	09/13/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:45	09/13/24 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/13/24 08:45	09/13/24 11:41	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	09/13/24 08:45	09/13/24 11:41	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/13/24 08:45	09/13/24 11:41	1

Lab Sample ID: LCS 880-90658/1-A

Matrix: Solid

Analysis Batch: 90660

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 90658

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09134		mg/Kg		91	70 - 130
Toluene	0.100	0.08876		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09375		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.2038		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-90658/2-A

Matrix: Solid

Analysis Batch: 90660

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 90658

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1014		mg/Kg		101	70 - 130	10	35
Toluene	0.100	0.09025		mg/Kg		90	70 - 130	2	35
Ethylbenzene	0.100	0.1026		mg/Kg		103	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2034		mg/Kg		102	70 - 130	0	35
o-Xylene	0.100	0.1085		mg/Kg		109	70 - 130	8	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-7088-21 MS

Matrix: Solid

Analysis Batch: 90660

Client Sample ID: TP - 6

Prep Type: Total/NA

Prep Batch: 90658

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Benzene	<0.00201	U	0.100	0.08411		mg/Kg		84	70 - 130
Toluene	<0.00201	U	0.100	0.08868		mg/Kg		89	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: 890-7088-21 MS

Matrix: Solid

Analysis Batch: 90660

Client Sample ID: TP - 6

Prep Type: Total/NA

Prep Batch: 90658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.00524		0.200	0.2168		mg/Kg		106	70 - 130
o-Xylene	0.00236		0.100	0.09583		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 890-7088-21 MSD

Matrix: Solid

Analysis Batch: 90660

Client Sample ID: TP - 6

Prep Type: Total/NA

Prep Batch: 90658

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	0.09479		mg/Kg		95	70 - 130	12	35
Toluene	<0.00201	U	0.100	0.08913		mg/Kg		89	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.09623		mg/Kg		96	70 - 130	5	35
m-Xylene & p-Xylene	0.00524		0.200	0.2269		mg/Kg		111	70 - 130	5	35
o-Xylene	0.00236		0.100	0.1016		mg/Kg		99	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-90659/5-A

Matrix: Solid

Analysis Batch: 90565

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 90659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/13/24 08:46	09/13/24 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/13/24 08:46	09/13/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/13/24 08:46	09/13/24 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	09/13/24 08:46	09/13/24 11:33	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/13/24 08:46	09/13/24 11:33	1

Lab Sample ID: LCS 880-90659/1-A

Matrix: Solid

Analysis Batch: 90565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 90659

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	0.09805		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1158		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2264		mg/Kg		113	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-90659/1-A

Matrix: Solid

Analysis Batch: 90565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 90659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1107		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-90659/2-A

Matrix: Solid

Analysis Batch: 90565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 90659

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1189		mg/Kg		119	70 - 130	5	35
Toluene	0.100	0.09938		mg/Kg		99	70 - 130	1	35
Ethylbenzene	0.100	0.1244		mg/Kg		124	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2422		mg/Kg		121	70 - 130	7	35
o-Xylene	0.100	0.1182		mg/Kg		118	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-7088-1 MS

Matrix: Solid

Analysis Batch: 90565

Client Sample ID: TP - 1

Prep Type: Total/NA

Prep Batch: 90659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00680		0.101	0.1211		mg/Kg		113	70 - 130
Toluene	0.00568	F1	0.101	0.1048		mg/Kg		98	70 - 130
Ethylbenzene	<0.00198	U F1 F2	0.101	0.09843		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.202	0.1953		mg/Kg		97	70 - 130
o-Xylene	<0.00198	U	0.101	0.09758		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 890-7088-1 MSD

Matrix: Solid

Analysis Batch: 90565

Client Sample ID: TP - 1

Prep Type: Total/NA

Prep Batch: 90659

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00680		0.0998	0.08524		mg/Kg		79	70 - 130	35	35
Toluene	0.00568	F1	0.0998	0.07374	F1	mg/Kg		68	70 - 130	35	35
Ethylbenzene	<0.00198	U F1 F2	0.0998	0.05862	F1 F2	mg/Kg		59	70 - 130	51	35
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.200	0.1128	F1 F2	mg/Kg		57	70 - 130	54	35
o-Xylene	<0.00198	U	0.0998	0.08171		mg/Kg		82	70 - 130	18	35

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: 890-7088-1 MSD

Matrix: Solid

Analysis Batch: 90565

Client Sample ID: TP - 1

Prep Type: Total/NA

Prep Batch: 90659

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-90770/5-A

Matrix: Solid

Analysis Batch: 90765

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 90770

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/14/24 12:21	09/14/24 15:36	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/14/24 12:21	09/14/24 15:36	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/14/24 12:21	09/14/24 15:36	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/14/24 12:21	09/14/24 15:36	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/14/24 12:21	09/14/24 15:36	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/14/24 12:21	09/14/24 15:36	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				09/14/24 12:21	09/14/24 15:36	1	
1,4-Difluorobenzene (Surr)	110		70 - 130				09/14/24 12:21	09/14/24 15:36	1	

Lab Sample ID: LCS 880-90770/1-A

Matrix: Solid

Analysis Batch: 90765

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 90770

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09286		mg/Kg		93	70 - 130			
Toluene	0.100	0.09011		mg/Kg		90	70 - 130			
Ethylbenzene	0.100	0.1087		mg/Kg		109	70 - 130			
m-Xylene & p-Xylene	0.200	0.2146		mg/Kg		107	70 - 130			
o-Xylene	0.100	0.09046		mg/Kg		90	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							
1,4-Difluorobenzene (Surr)	96		70 - 130							

Lab Sample ID: LCSD 880-90770/2-A

Matrix: Solid

Analysis Batch: 90765

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 90770

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09038		mg/Kg		90	70 - 130	3	35	
Toluene	0.100	0.08224		mg/Kg		82	70 - 130	9	35	
Ethylbenzene	0.100	0.1063		mg/Kg		106	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.2192		mg/Kg		110	70 - 130	2	35	
o-Xylene	0.100	0.09830		mg/Kg		98	70 - 130	8	35	

	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	111		70 - 130							

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-90770/2-A

Matrix: Solid

Analysis Batch: 90765

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 90770

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

Lab Sample ID: 880-48439-A-1-E MS

Matrix: Solid

Analysis Batch: 90765

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 90770

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00198	U	0.101	0.08795		mg/Kg		87	70 - 130
Toluene	<0.00198	U	0.101	0.07974		mg/Kg		79	70 - 130
Ethylbenzene	<0.00198	U	0.101	0.08248		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1852		mg/Kg		92	70 - 130
o-Xylene	<0.00198	U	0.101	0.08724		mg/Kg		87	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-48439-A-1-F MSD

Matrix: Solid

Analysis Batch: 90765

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 90770

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Benzene	<0.00198	U	0.0998	0.08277		mg/Kg		83	70 - 130	6
Toluene	<0.00198	U	0.0998	0.07771		mg/Kg		78	70 - 130	3
Ethylbenzene	<0.00198	U	0.0998	0.07496		mg/Kg		75	70 - 130	10
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1575		mg/Kg		79	70 - 130	16
o-Xylene	<0.00198	U	0.0998	0.07030		mg/Kg		70	70 - 130	22

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-90805/5-A

Matrix: Solid

Analysis Batch: 90791

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 90805

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/16/24 08:50	09/16/24 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/16/24 08:50	09/16/24 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/16/24 08:50	09/16/24 11:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/16/24 08:50	09/16/24 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/16/24 08:50	09/16/24 11:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/16/24 08:50	09/16/24 11:53	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/16/24 08:50	09/16/24 11:53	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/16/24 08:50	09/16/24 11:53	1

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-90805/1-A

Matrix: Solid

Analysis Batch: 90791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 90805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08754		mg/Kg		88	70 - 130
Toluene	0.100	0.08258		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08243		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1735		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08710		mg/Kg		87	70 - 130

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

Lab Sample ID: LCSD 880-90805/2-A

Matrix: Solid

Analysis Batch: 90791

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 90805

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09405		mg/Kg		94	70 - 130	7	35
Toluene	0.100	0.08799		mg/Kg		88	70 - 130	6	35
Ethylbenzene	0.100	0.08808		mg/Kg		88	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1863		mg/Kg		93	70 - 130	7	35
o-Xylene	0.100	0.09241		mg/Kg		92	70 - 130	6	35

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

Lab Sample ID: 890-7091-A-1-C MS

Matrix: Solid

Analysis Batch: 90791

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 90805

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.101	0.08977		mg/Kg		89	70 - 130
Toluene	<0.00198	U	0.101	0.08423		mg/Kg		84	70 - 130
Ethylbenzene	<0.00198	U	0.101	0.08270		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1747		mg/Kg		87	70 - 130
o-Xylene	<0.00198	U	0.101	0.08736		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7091-A-1-D MSD

Matrix: Solid

Analysis Batch: 90791

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 90805

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0998	0.08515		mg/Kg		85	70 - 130	5	35
Toluene	<0.00198	U	0.0998	0.07965		mg/Kg		80	70 - 130	6	35
Ethylbenzene	<0.00198	U	0.0998	0.07860		mg/Kg		79	70 - 130	5	35

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: 890-7091-A-1-D MSD
Matrix: Solid
Analysis Batch: 90791

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90805

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1667		mg/Kg		84	70 - 130	5	35
o-Xylene	<0.00198	U	0.0998	0.08348		mg/Kg		84	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

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

Lab Sample ID: MB 880-90654/1-A
Matrix: Solid
Analysis Batch: 90704

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90654

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		09/13/24 08:20	09/13/24 09:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 09:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:20	09/13/24 09:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane	151	S1+	70 - 130			09/13/24 08:20	09/13/24 09:16	1	
o-Terphenyl	139	S1+	70 - 130			09/13/24 08:20	09/13/24 09:16	1	

Lab Sample ID: LCS 880-90654/2-A
Matrix: Solid
Analysis Batch: 90704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1091		mg/Kg		109	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130			
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctane	106		70 - 130							
o-Terphenyl	110		70 - 130							

Lab Sample ID: LCSD 880-90654/3-A
Matrix: Solid
Analysis Batch: 90704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90654

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1082		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1053		mg/Kg		105	70 - 130	2	20

QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-90654/3-A

Matrix: Solid

Analysis Batch: 90704

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 90654

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 890-7088-1 MS

Matrix: Solid

Analysis Batch: 90704

Client Sample ID: TP - 1

Prep Type: Total/NA

Prep Batch: 90654

	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	870.4		mg/Kg		87	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	776.5		mg/Kg		78	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	99		70 - 130							
o-Terphenyl	102		70 - 130							

Lab Sample ID: 890-7088-1 MSD

Matrix: Solid

Analysis Batch: 90704

Client Sample ID: TP - 1

Prep Type: Total/NA

Prep Batch: 90654

	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	856.9		mg/Kg		86	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	763.6		mg/Kg		77	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	99		70 - 130									
o-Terphenyl	101		70 - 130									

Lab Sample ID: MB 880-90655/1-A

Matrix: Solid

Analysis Batch: 90716

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 90655

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 09:16	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 09:16	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/13/24 08:23	09/13/24 09:16	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	138	S1+	70 - 130				09/13/24 08:23	09/13/24 09:16	1		
o-Terphenyl	144	S1+	70 - 130				09/13/24 08:23	09/13/24 09:16	1		

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-90655/2-A

Matrix: Solid

Analysis Batch: 90716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 90655

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1135		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1241		mg/Kg		124	70 - 130
		LCS	LCS				
		%Recovery	Qualifier				
Surrogate							
1-Chlorooctane		118					70 - 130
o-Terphenyl		136	S1+				70 - 130

Lab Sample ID: LCSD 880-90655/3-A

Matrix: Solid

Analysis Batch: 90716

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 90655

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	818.0	*1	mg/Kg		82	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	1000	916.3	*1	mg/Kg		92	70 - 130	30	20
		LCSD	LCSD						
		%Recovery	Qualifier						
Surrogate									
1-Chlorooctane		84					70 - 130		
o-Terphenyl		97					70 - 130		

Lab Sample ID: 890-7088-19 MS

Matrix: Solid

Analysis Batch: 90716

Client Sample ID: TP - 5

Prep Type: Total/NA

Prep Batch: 90655

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	991	898.2		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	83.7	*1	991	908.2		mg/Kg		83	70 - 130
		MS	MS						
		%Recovery	Qualifier						
Surrogate									
1-Chlorooctane		97							70 - 130
o-Terphenyl		107							70 - 130

Lab Sample ID: 890-7088-19 MSD

Matrix: Solid

Analysis Batch: 90716

Client Sample ID: TP - 5

Prep Type: Total/NA

Prep Batch: 90655

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	991	930.4		mg/Kg		94	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	83.7	*1	991	976.6		mg/Kg		90	70 - 130	7	20
		MSD	MSD								
		%Recovery	Qualifier								
Surrogate											
1-Chlorooctane		101									70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

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

Lab Sample ID: 890-7088-19 MSD				Client Sample ID: TP - 5			
Matrix: Solid				Prep Type: Total/NA			
Analysis Batch: 90716				Prep Batch: 90655			
	MSD	MSD					
Surrogate	%Recovery	Qualifier	Limits				
o-Terphenyl	113		70 - 130				

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-90652/1-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Soluble		
Analysis Batch: 90661									
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/14/24 02:09	1

Lab Sample ID: LCS 880-90652/2-A						Client Sample ID: Lab Control Sample			
Matrix: Solid						Prep Type: Soluble			
Analysis Batch: 90661									
			Spike	LCS	LCS			%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride			250	232.6		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-90652/3-A						Client Sample ID: Lab Control Sample Dup					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 90661											
			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limits
Chloride			250	233.6		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 890-7088-1 MS							Client Sample ID: TP - 1			
Matrix: Solid							Prep Type: Soluble			
Analysis Batch: 90661										
	Sample	Sample	Spike	MS	MS			%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	4620	F1	2520	7891	F1	mg/Kg		130	90 - 110	

Lab Sample ID: 890-7088-1 MSD

Client Sample ID: TP - 1

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 90661

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Chloride	4620	F1	2520	7912	F1	mg/Kg		131	90 - 110	0	20

Lab Sample ID: 890-7088-11 MS

Client Sample ID: TP - 3

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 90661

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	39.6		250	276.7		mg/Kg		95	90 - 110

QC Sample Results

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7088-11 MSD

Matrix: Solid

Analysis Batch: 90661

Client Sample ID: TP - 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	39.6		250	277.2		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-90653/1-A

Matrix: Solid

Analysis Batch: 90671

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			09/14/24 05:55	1

Lab Sample ID: LCS 880-90653/2-A

Matrix: Solid

Analysis Batch: 90671

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.8		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-90653/3-A

Matrix: Solid

Analysis Batch: 90671

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.5		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 890-7088-21 MS

Matrix: Solid

Analysis Batch: 90671

Client Sample ID: TP - 6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	701	F1	248	903.4	F1	mg/Kg		82	90 - 110

Lab Sample ID: 890-7088-21 MSD

Matrix: Solid

Analysis Batch: 90671

Client Sample ID: TP - 6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	701	F1	248	903.3	F1	mg/Kg		82	90 - 110	0	20

Lab Sample ID: 890-7088-31 MS

Matrix: Solid

Analysis Batch: 90671

Client Sample ID: TP - 8

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3890	F1	2520	6761	F1	mg/Kg		114	90 - 110

Lab Sample ID: 890-7088-31 MSD

Matrix: Solid

Analysis Batch: 90671

Client Sample ID: TP - 8

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3890	F1	2520	6756	F1	mg/Kg		114	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

GC VOA

Analysis Batch: 90565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Total/NA	Solid	8021B	90659
890-7088-2	TP - 1	Total/NA	Solid	8021B	90659
890-7088-3	TP - 1	Total/NA	Solid	8021B	90659
890-7088-4	TP - 1	Total/NA	Solid	8021B	90659
890-7088-5	TP - 2	Total/NA	Solid	8021B	90659
890-7088-6	TP - 2	Total/NA	Solid	8021B	90659
890-7088-7	TP - 2	Total/NA	Solid	8021B	90659
890-7088-8	TP - 2	Total/NA	Solid	8021B	90659
890-7088-9	TP - 3	Total/NA	Solid	8021B	90659
890-7088-10	TP - 3	Total/NA	Solid	8021B	90659
890-7088-11	TP - 3	Total/NA	Solid	8021B	90659
890-7088-12	TP - 3	Total/NA	Solid	8021B	90659
890-7088-13	TP - 4	Total/NA	Solid	8021B	90659
890-7088-14	TP - 4	Total/NA	Solid	8021B	90659
890-7088-15	TP - 4	Total/NA	Solid	8021B	90659
890-7088-16	TP - 4	Total/NA	Solid	8021B	90659
890-7088-17	TP - 5	Total/NA	Solid	8021B	90659
890-7088-18	TP - 5	Total/NA	Solid	8021B	90659
890-7088-19	TP - 5	Total/NA	Solid	8021B	90659
890-7088-20	TP - 5	Total/NA	Solid	8021B	90659
MB 880-90659/5-A	Method Blank	Total/NA	Solid	8021B	90659
LCS 880-90659/1-A	Lab Control Sample	Total/NA	Solid	8021B	90659
LCSD 880-90659/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90659
890-7088-1 MS	TP - 1	Total/NA	Solid	8021B	90659
890-7088-1 MSD	TP - 1	Total/NA	Solid	8021B	90659

Prep Batch: 90658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-21	TP - 6	Total/NA	Solid	5035	
890-7088-22	TP - 6	Total/NA	Solid	5035	
890-7088-23	TP - 6	Total/NA	Solid	5035	
890-7088-24	TP - 6	Total/NA	Solid	5035	
890-7088-25	TP - 6	Total/NA	Solid	5035	
890-7088-26	TP - 7	Total/NA	Solid	5035	
890-7088-27	TP - 7	Total/NA	Solid	5035	
890-7088-28	TP - 7	Total/NA	Solid	5035	
890-7088-29	TP - 7	Total/NA	Solid	5035	
890-7088-30	TP - 7	Total/NA	Solid	5035	
890-7088-31	TP - 8	Total/NA	Solid	5035	
890-7088-32	TP - 8	Total/NA	Solid	5035	
890-7088-33	TP - 8	Total/NA	Solid	5035	
890-7088-34	TP - 8	Total/NA	Solid	5035	
890-7088-35	TP - 8	Total/NA	Solid	5035	
890-7088-36	TP - 8	Total/NA	Solid	5035	
MB 880-90658/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90658/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90658/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7088-21 MS	TP - 6	Total/NA	Solid	5035	
890-7088-21 MSD	TP - 6	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

GC VOA

Prep Batch: 90659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Total/NA	Solid	5035	
890-7088-2	TP - 1	Total/NA	Solid	5035	
890-7088-3	TP - 1	Total/NA	Solid	5035	
890-7088-4	TP - 1	Total/NA	Solid	5035	
890-7088-5	TP - 2	Total/NA	Solid	5035	
890-7088-6	TP - 2	Total/NA	Solid	5035	
890-7088-7	TP - 2	Total/NA	Solid	5035	
890-7088-8	TP - 2	Total/NA	Solid	5035	
890-7088-9	TP - 3	Total/NA	Solid	5035	
890-7088-10	TP - 3	Total/NA	Solid	5035	
890-7088-11	TP - 3	Total/NA	Solid	5035	
890-7088-12	TP - 3	Total/NA	Solid	5035	
890-7088-13	TP - 4	Total/NA	Solid	5035	
890-7088-14	TP - 4	Total/NA	Solid	5035	
890-7088-15	TP - 4	Total/NA	Solid	5035	
890-7088-16	TP - 4	Total/NA	Solid	5035	
890-7088-17	TP - 5	Total/NA	Solid	5035	
890-7088-18	TP - 5	Total/NA	Solid	5035	
890-7088-19	TP - 5	Total/NA	Solid	5035	
890-7088-20	TP - 5	Total/NA	Solid	5035	
MB 880-90659/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90659/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90659/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7088-1 MS	TP - 1	Total/NA	Solid	5035	
890-7088-1 MSD	TP - 1	Total/NA	Solid	5035	

Analysis Batch: 90660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-21	TP - 6	Total/NA	Solid	8021B	90658
890-7088-22	TP - 6	Total/NA	Solid	8021B	90658
890-7088-23	TP - 6	Total/NA	Solid	8021B	90658
890-7088-24	TP - 6	Total/NA	Solid	8021B	90658
890-7088-25	TP - 6	Total/NA	Solid	8021B	90658
890-7088-26	TP - 7	Total/NA	Solid	8021B	90658
890-7088-27	TP - 7	Total/NA	Solid	8021B	90658
890-7088-28	TP - 7	Total/NA	Solid	8021B	90658
890-7088-29	TP - 7	Total/NA	Solid	8021B	90658
890-7088-30	TP - 7	Total/NA	Solid	8021B	90658
890-7088-31	TP - 8	Total/NA	Solid	8021B	90658
890-7088-32	TP - 8	Total/NA	Solid	8021B	90658
890-7088-33	TP - 8	Total/NA	Solid	8021B	90658
890-7088-34	TP - 8	Total/NA	Solid	8021B	90658
890-7088-35	TP - 8	Total/NA	Solid	8021B	90658
890-7088-36	TP - 8	Total/NA	Solid	8021B	90658
MB 880-90658/5-A	Method Blank	Total/NA	Solid	8021B	90658
LCS 880-90658/1-A	Lab Control Sample	Total/NA	Solid	8021B	90658
LCSD 880-90658/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90658
890-7088-21 MS	TP - 6	Total/NA	Solid	8021B	90658
890-7088-21 MSD	TP - 6	Total/NA	Solid	8021B	90658

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QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

GC VOA

Analysis Batch: 90765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-28	TP - 7	Total/NA	Solid	8021B	90770
MB 880-90770/5-A	Method Blank	Total/NA	Solid	8021B	90770
LCS 880-90770/1-A	Lab Control Sample	Total/NA	Solid	8021B	90770
LCSD 880-90770/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90770
880-48439-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	90770
880-48439-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	90770

Prep Batch: 90770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-28	TP - 7	Total/NA	Solid	5035	
MB 880-90770/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90770/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90770/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48439-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-48439-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 90791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-13	TP - 4	Total/NA	Solid	8021B	90805
890-7088-14	TP - 4	Total/NA	Solid	8021B	90805
890-7088-15	TP - 4	Total/NA	Solid	8021B	90805
890-7088-16	TP - 4	Total/NA	Solid	8021B	90805
890-7088-17	TP - 5	Total/NA	Solid	8021B	90805
890-7088-18	TP - 5	Total/NA	Solid	8021B	90805
890-7088-19	TP - 5	Total/NA	Solid	8021B	90805
890-7088-20	TP - 5	Total/NA	Solid	8021B	90805
MB 880-90805/5-A	Method Blank	Total/NA	Solid	8021B	90805
LCS 880-90805/1-A	Lab Control Sample	Total/NA	Solid	8021B	90805
LCSD 880-90805/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90805
890-7091-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	90805
890-7091-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	90805

Prep Batch: 90805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-13	TP - 4	Total/NA	Solid	5035	
890-7088-14	TP - 4	Total/NA	Solid	5035	
890-7088-15	TP - 4	Total/NA	Solid	5035	
890-7088-16	TP - 4	Total/NA	Solid	5035	
890-7088-17	TP - 5	Total/NA	Solid	5035	
890-7088-18	TP - 5	Total/NA	Solid	5035	
890-7088-19	TP - 5	Total/NA	Solid	5035	
890-7088-20	TP - 5	Total/NA	Solid	5035	
MB 880-90805/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90805/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90805/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7091-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7091-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 90819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global

Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1

SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 90819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-2	TP - 1	Total/NA	Solid	Total BTEX	
890-7088-3	TP - 1	Total/NA	Solid	Total BTEX	
890-7088-4	TP - 1	Total/NA	Solid	Total BTEX	
890-7088-5	TP - 2	Total/NA	Solid	Total BTEX	
890-7088-6	TP - 2	Total/NA	Solid	Total BTEX	
890-7088-7	TP - 2	Total/NA	Solid	Total BTEX	
890-7088-8	TP - 2	Total/NA	Solid	Total BTEX	
890-7088-9	TP - 3	Total/NA	Solid	Total BTEX	
890-7088-10	TP - 3	Total/NA	Solid	Total BTEX	
890-7088-11	TP - 3	Total/NA	Solid	Total BTEX	
890-7088-12	TP - 3	Total/NA	Solid	Total BTEX	
890-7088-13	TP - 4	Total/NA	Solid	Total BTEX	
890-7088-14	TP - 4	Total/NA	Solid	Total BTEX	
890-7088-15	TP - 4	Total/NA	Solid	Total BTEX	
890-7088-16	TP - 4	Total/NA	Solid	Total BTEX	
890-7088-17	TP - 5	Total/NA	Solid	Total BTEX	
890-7088-18	TP - 5	Total/NA	Solid	Total BTEX	
890-7088-19	TP - 5	Total/NA	Solid	Total BTEX	
890-7088-20	TP - 5	Total/NA	Solid	Total BTEX	
890-7088-21	TP - 6	Total/NA	Solid	Total BTEX	
890-7088-22	TP - 6	Total/NA	Solid	Total BTEX	
890-7088-23	TP - 6	Total/NA	Solid	Total BTEX	
890-7088-24	TP - 6	Total/NA	Solid	Total BTEX	
890-7088-25	TP - 6	Total/NA	Solid	Total BTEX	
890-7088-26	TP - 7	Total/NA	Solid	Total BTEX	
890-7088-27	TP - 7	Total/NA	Solid	Total BTEX	
890-7088-28	TP - 7	Total/NA	Solid	Total BTEX	
890-7088-29	TP - 7	Total/NA	Solid	Total BTEX	
890-7088-30	TP - 7	Total/NA	Solid	Total BTEX	
890-7088-31	TP - 8	Total/NA	Solid	Total BTEX	
890-7088-32	TP - 8	Total/NA	Solid	Total BTEX	
890-7088-33	TP - 8	Total/NA	Solid	Total BTEX	
890-7088-34	TP - 8	Total/NA	Solid	Total BTEX	
890-7088-35	TP - 8	Total/NA	Solid	Total BTEX	
890-7088-36	TP - 8	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 90654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Total/NA	Solid	8015NM Prep	
890-7088-2	TP - 1	Total/NA	Solid	8015NM Prep	
890-7088-3	TP - 1	Total/NA	Solid	8015NM Prep	
890-7088-4	TP - 1	Total/NA	Solid	8015NM Prep	
890-7088-5	TP - 2	Total/NA	Solid	8015NM Prep	
890-7088-6	TP - 2	Total/NA	Solid	8015NM Prep	
890-7088-7	TP - 2	Total/NA	Solid	8015NM Prep	
890-7088-8	TP - 2	Total/NA	Solid	8015NM Prep	
890-7088-9	TP - 3	Total/NA	Solid	8015NM Prep	
890-7088-10	TP - 3	Total/NA	Solid	8015NM Prep	
890-7088-11	TP - 3	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 90654 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-12	TP - 3	Total/NA	Solid	8015NM Prep	
890-7088-13	TP - 4	Total/NA	Solid	8015NM Prep	
890-7088-14	TP - 4	Total/NA	Solid	8015NM Prep	
890-7088-15	TP - 4	Total/NA	Solid	8015NM Prep	
890-7088-16	TP - 4	Total/NA	Solid	8015NM Prep	
890-7088-17	TP - 5	Total/NA	Solid	8015NM Prep	
890-7088-18	TP - 5	Total/NA	Solid	8015NM Prep	
MB 880-90654/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90654/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90654/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7088-1 MS	TP - 1	Total/NA	Solid	8015NM Prep	
890-7088-1 MSD	TP - 1	Total/NA	Solid	8015NM Prep	

Prep Batch: 90655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-19	TP - 5	Total/NA	Solid	8015NM Prep	
890-7088-20	TP - 5	Total/NA	Solid	8015NM Prep	
890-7088-21	TP - 6	Total/NA	Solid	8015NM Prep	
890-7088-22	TP - 6	Total/NA	Solid	8015NM Prep	
890-7088-23	TP - 6	Total/NA	Solid	8015NM Prep	
890-7088-24	TP - 6	Total/NA	Solid	8015NM Prep	
890-7088-25	TP - 6	Total/NA	Solid	8015NM Prep	
890-7088-26	TP - 7	Total/NA	Solid	8015NM Prep	
890-7088-27	TP - 7	Total/NA	Solid	8015NM Prep	
890-7088-28	TP - 7	Total/NA	Solid	8015NM Prep	
890-7088-29	TP - 7	Total/NA	Solid	8015NM Prep	
890-7088-30	TP - 7	Total/NA	Solid	8015NM Prep	
890-7088-31	TP - 8	Total/NA	Solid	8015NM Prep	
890-7088-32	TP - 8	Total/NA	Solid	8015NM Prep	
890-7088-33	TP - 8	Total/NA	Solid	8015NM Prep	
890-7088-34	TP - 8	Total/NA	Solid	8015NM Prep	
890-7088-35	TP - 8	Total/NA	Solid	8015NM Prep	
890-7088-36	TP - 8	Total/NA	Solid	8015NM Prep	
MB 880-90655/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90655/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90655/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7088-19 MS	TP - 5	Total/NA	Solid	8015NM Prep	
890-7088-19 MSD	TP - 5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Total/NA	Solid	8015B NM	90654
890-7088-2	TP - 1	Total/NA	Solid	8015B NM	90654
890-7088-3	TP - 1	Total/NA	Solid	8015B NM	90654
890-7088-4	TP - 1	Total/NA	Solid	8015B NM	90654
890-7088-5	TP - 2	Total/NA	Solid	8015B NM	90654
890-7088-6	TP - 2	Total/NA	Solid	8015B NM	90654
890-7088-7	TP - 2	Total/NA	Solid	8015B NM	90654
890-7088-8	TP - 2	Total/NA	Solid	8015B NM	90654
890-7088-9	TP - 3	Total/NA	Solid	8015B NM	90654
890-7088-10	TP - 3	Total/NA	Solid	8015B NM	90654

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QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 90704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-11	TP - 3	Total/NA	Solid	8015B NM	90654
890-7088-12	TP - 3	Total/NA	Solid	8015B NM	90654
890-7088-13	TP - 4	Total/NA	Solid	8015B NM	90654
890-7088-14	TP - 4	Total/NA	Solid	8015B NM	90654
890-7088-15	TP - 4	Total/NA	Solid	8015B NM	90654
890-7088-16	TP - 4	Total/NA	Solid	8015B NM	90654
890-7088-17	TP - 5	Total/NA	Solid	8015B NM	90654
890-7088-18	TP - 5	Total/NA	Solid	8015B NM	90654
MB 880-90654/1-A	Method Blank	Total/NA	Solid	8015B NM	90654
LCS 880-90654/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90654
LCSD 880-90654/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90654
890-7088-1 MS	TP - 1	Total/NA	Solid	8015B NM	90654
890-7088-1 MSD	TP - 1	Total/NA	Solid	8015B NM	90654

Analysis Batch: 90716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-19	TP - 5	Total/NA	Solid	8015B NM	90655
890-7088-20	TP - 5	Total/NA	Solid	8015B NM	90655
890-7088-21	TP - 6	Total/NA	Solid	8015B NM	90655
890-7088-22	TP - 6	Total/NA	Solid	8015B NM	90655
890-7088-23	TP - 6	Total/NA	Solid	8015B NM	90655
890-7088-24	TP - 6	Total/NA	Solid	8015B NM	90655
890-7088-25	TP - 6	Total/NA	Solid	8015B NM	90655
890-7088-26	TP - 7	Total/NA	Solid	8015B NM	90655
890-7088-27	TP - 7	Total/NA	Solid	8015B NM	90655
890-7088-28	TP - 7	Total/NA	Solid	8015B NM	90655
890-7088-29	TP - 7	Total/NA	Solid	8015B NM	90655
890-7088-30	TP - 7	Total/NA	Solid	8015B NM	90655
890-7088-31	TP - 8	Total/NA	Solid	8015B NM	90655
890-7088-32	TP - 8	Total/NA	Solid	8015B NM	90655
890-7088-33	TP - 8	Total/NA	Solid	8015B NM	90655
890-7088-34	TP - 8	Total/NA	Solid	8015B NM	90655
890-7088-35	TP - 8	Total/NA	Solid	8015B NM	90655
890-7088-36	TP - 8	Total/NA	Solid	8015B NM	90655
MB 880-90655/1-A	Method Blank	Total/NA	Solid	8015B NM	90655
LCS 880-90655/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90655
LCSD 880-90655/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90655
890-7088-19 MS	TP - 5	Total/NA	Solid	8015B NM	90655
890-7088-19 MSD	TP - 5	Total/NA	Solid	8015B NM	90655

Analysis Batch: 90894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Total/NA	Solid	8015 NM	
890-7088-2	TP - 1	Total/NA	Solid	8015 NM	
890-7088-3	TP - 1	Total/NA	Solid	8015 NM	
890-7088-4	TP - 1	Total/NA	Solid	8015 NM	
890-7088-5	TP - 2	Total/NA	Solid	8015 NM	
890-7088-6	TP - 2	Total/NA	Solid	8015 NM	
890-7088-7	TP - 2	Total/NA	Solid	8015 NM	
890-7088-8	TP - 2	Total/NA	Solid	8015 NM	
890-7088-9	TP - 3	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 90894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-10	TP - 3	Total/NA	Solid	8015 NM	
890-7088-11	TP - 3	Total/NA	Solid	8015 NM	
890-7088-12	TP - 3	Total/NA	Solid	8015 NM	
890-7088-13	TP - 4	Total/NA	Solid	8015 NM	
890-7088-14	TP - 4	Total/NA	Solid	8015 NM	
890-7088-15	TP - 4	Total/NA	Solid	8015 NM	
890-7088-16	TP - 4	Total/NA	Solid	8015 NM	
890-7088-17	TP - 5	Total/NA	Solid	8015 NM	
890-7088-18	TP - 5	Total/NA	Solid	8015 NM	
890-7088-19	TP - 5	Total/NA	Solid	8015 NM	
890-7088-20	TP - 5	Total/NA	Solid	8015 NM	
890-7088-21	TP - 6	Total/NA	Solid	8015 NM	
890-7088-22	TP - 6	Total/NA	Solid	8015 NM	
890-7088-23	TP - 6	Total/NA	Solid	8015 NM	
890-7088-24	TP - 6	Total/NA	Solid	8015 NM	
890-7088-25	TP - 6	Total/NA	Solid	8015 NM	
890-7088-26	TP - 7	Total/NA	Solid	8015 NM	
890-7088-27	TP - 7	Total/NA	Solid	8015 NM	
890-7088-28	TP - 7	Total/NA	Solid	8015 NM	
890-7088-29	TP - 7	Total/NA	Solid	8015 NM	
890-7088-30	TP - 7	Total/NA	Solid	8015 NM	
890-7088-31	TP - 8	Total/NA	Solid	8015 NM	
890-7088-32	TP - 8	Total/NA	Solid	8015 NM	
890-7088-33	TP - 8	Total/NA	Solid	8015 NM	
890-7088-34	TP - 8	Total/NA	Solid	8015 NM	
890-7088-35	TP - 8	Total/NA	Solid	8015 NM	
890-7088-36	TP - 8	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 90652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Soluble	Solid	DI Leach	
890-7088-2	TP - 1	Soluble	Solid	DI Leach	
890-7088-3	TP - 1	Soluble	Solid	DI Leach	
890-7088-4	TP - 1	Soluble	Solid	DI Leach	
890-7088-5	TP - 2	Soluble	Solid	DI Leach	
890-7088-6	TP - 2	Soluble	Solid	DI Leach	
890-7088-7	TP - 2	Soluble	Solid	DI Leach	
890-7088-8	TP - 2	Soluble	Solid	DI Leach	
890-7088-9	TP - 3	Soluble	Solid	DI Leach	
890-7088-10	TP - 3	Soluble	Solid	DI Leach	
890-7088-11	TP - 3	Soluble	Solid	DI Leach	
890-7088-12	TP - 3	Soluble	Solid	DI Leach	
890-7088-13	TP - 4	Soluble	Solid	DI Leach	
890-7088-14	TP - 4	Soluble	Solid	DI Leach	
890-7088-15	TP - 4	Soluble	Solid	DI Leach	
890-7088-16	TP - 4	Soluble	Solid	DI Leach	
890-7088-17	TP - 5	Soluble	Solid	DI Leach	
890-7088-18	TP - 5	Soluble	Solid	DI Leach	
890-7088-19	TP - 5	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 90652 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-20	TP - 5	Soluble	Solid	DI Leach	
MB 880-90652/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90652/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90652/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7088-1 MS	TP - 1	Soluble	Solid	DI Leach	
890-7088-1 MSD	TP - 1	Soluble	Solid	DI Leach	
890-7088-11 MS	TP - 3	Soluble	Solid	DI Leach	
890-7088-11 MSD	TP - 3	Soluble	Solid	DI Leach	

Leach Batch: 90653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-21	TP - 6	Soluble	Solid	DI Leach	
890-7088-22	TP - 6	Soluble	Solid	DI Leach	
890-7088-23	TP - 6	Soluble	Solid	DI Leach	
890-7088-24	TP - 6	Soluble	Solid	DI Leach	
890-7088-25	TP - 6	Soluble	Solid	DI Leach	
890-7088-26	TP - 7	Soluble	Solid	DI Leach	
890-7088-27	TP - 7	Soluble	Solid	DI Leach	
890-7088-28	TP - 7	Soluble	Solid	DI Leach	
890-7088-29	TP - 7	Soluble	Solid	DI Leach	
890-7088-30	TP - 7	Soluble	Solid	DI Leach	
890-7088-31	TP - 8	Soluble	Solid	DI Leach	
890-7088-32	TP - 8	Soluble	Solid	DI Leach	
890-7088-33	TP - 8	Soluble	Solid	DI Leach	
890-7088-34	TP - 8	Soluble	Solid	DI Leach	
890-7088-35	TP - 8	Soluble	Solid	DI Leach	
890-7088-36	TP - 8	Soluble	Solid	DI Leach	
MB 880-90653/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90653/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90653/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7088-21 MS	TP - 6	Soluble	Solid	DI Leach	
890-7088-21 MSD	TP - 6	Soluble	Solid	DI Leach	
890-7088-31 MS	TP - 8	Soluble	Solid	DI Leach	
890-7088-31 MSD	TP - 8	Soluble	Solid	DI Leach	

Analysis Batch: 90661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-1	TP - 1	Soluble	Solid	300.0	90652
890-7088-2	TP - 1	Soluble	Solid	300.0	90652
890-7088-3	TP - 1	Soluble	Solid	300.0	90652
890-7088-4	TP - 1	Soluble	Solid	300.0	90652
890-7088-5	TP - 2	Soluble	Solid	300.0	90652
890-7088-6	TP - 2	Soluble	Solid	300.0	90652
890-7088-7	TP - 2	Soluble	Solid	300.0	90652
890-7088-8	TP - 2	Soluble	Solid	300.0	90652
890-7088-9	TP - 3	Soluble	Solid	300.0	90652
890-7088-10	TP - 3	Soluble	Solid	300.0	90652
890-7088-11	TP - 3	Soluble	Solid	300.0	90652
890-7088-12	TP - 3	Soluble	Solid	300.0	90652
890-7088-13	TP - 4	Soluble	Solid	300.0	90652
890-7088-14	TP - 4	Soluble	Solid	300.0	90652

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QC Association Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 90661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-15	TP - 4	Soluble	Solid	300.0	90652
890-7088-16	TP - 4	Soluble	Solid	300.0	90652
890-7088-17	TP - 5	Soluble	Solid	300.0	90652
890-7088-18	TP - 5	Soluble	Solid	300.0	90652
890-7088-19	TP - 5	Soluble	Solid	300.0	90652
890-7088-20	TP - 5	Soluble	Solid	300.0	90652
MB 880-90652/1-A	Method Blank	Soluble	Solid	300.0	90652
LCS 880-90652/2-A	Lab Control Sample	Soluble	Solid	300.0	90652
LCSD 880-90652/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90652
890-7088-1 MS	TP - 1	Soluble	Solid	300.0	90652
890-7088-1 MSD	TP - 1	Soluble	Solid	300.0	90652
890-7088-11 MS	TP - 3	Soluble	Solid	300.0	90652
890-7088-11 MSD	TP - 3	Soluble	Solid	300.0	90652

Analysis Batch: 90671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7088-21	TP - 6	Soluble	Solid	300.0	90653
890-7088-22	TP - 6	Soluble	Solid	300.0	90653
890-7088-23	TP - 6	Soluble	Solid	300.0	90653
890-7088-24	TP - 6	Soluble	Solid	300.0	90653
890-7088-25	TP - 6	Soluble	Solid	300.0	90653
890-7088-26	TP - 7	Soluble	Solid	300.0	90653
890-7088-27	TP - 7	Soluble	Solid	300.0	90653
890-7088-28	TP - 7	Soluble	Solid	300.0	90653
890-7088-29	TP - 7	Soluble	Solid	300.0	90653
890-7088-30	TP - 7	Soluble	Solid	300.0	90653
890-7088-31	TP - 8	Soluble	Solid	300.0	90653
890-7088-32	TP - 8	Soluble	Solid	300.0	90653
890-7088-33	TP - 8	Soluble	Solid	300.0	90653
890-7088-34	TP - 8	Soluble	Solid	300.0	90653
890-7088-35	TP - 8	Soluble	Solid	300.0	90653
890-7088-36	TP - 8	Soluble	Solid	300.0	90653
MB 880-90653/1-A	Method Blank	Soluble	Solid	300.0	90653
LCS 880-90653/2-A	Lab Control Sample	Soluble	Solid	300.0	90653
LCSD 880-90653/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90653
890-7088-21 MS	TP - 6	Soluble	Solid	300.0	90653
890-7088-21 MSD	TP - 6	Soluble	Solid	300.0	90653
890-7088-31 MS	TP - 8	Soluble	Solid	300.0	90653
890-7088-31 MSD	TP - 8	Soluble	Solid	300.0	90653

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 1

Date Collected: 09/11/24 09:00

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 11:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 11:55	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 12:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 12:23	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90661	09/14/24 02:28	CH	EET MID

Client Sample ID: TP - 1

Date Collected: 09/11/24 09:03

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 12:15	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 13:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 13:14	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90661	09/14/24 02:48	CH	EET MID

Client Sample ID: TP - 1

Date Collected: 09/11/24 09:06

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-3

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			4.99 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 12:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 12:36	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 13:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 13:31	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 02:54	CH	EET MID

Client Sample ID: TP - 1

Date Collected: 09/11/24 09:09

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-4

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			4.98 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 12:56	MNR	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 1

Date Collected: 09/11/24 09:09

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-4

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			90894	09/13/24 13:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 13:49	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 03:01	CH	EET MID

Client Sample ID: TP - 2

Date Collected: 09/11/24 09:12

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-5

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	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 13:17	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 14:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90661	09/14/24 03:07	CH	EET MID

Client Sample ID: TP - 2

Date Collected: 09/11/24 09:15

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 13:38	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 14:24	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 03:26	CH	EET MID

Client Sample ID: TP - 2

Date Collected: 09/11/24 09:18

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 13:58	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 14:42	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 2
Date Collected: 09/11/24 09:18
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 03:33	CH	EET MID

Client Sample ID: TP - 2
Date Collected: 09/11/24 09:21
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-8
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	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 14:19	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 14:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 03:39	CH	EET MID

Client Sample ID: TP - 3
Date Collected: 09/11/24 09:24
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-9
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	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 14:40	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 15:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 15:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90661	09/14/24 03:46	CH	EET MID

Client Sample ID: TP - 3
Date Collected: 09/11/24 09:27
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 15:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 15:00	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 15:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 15:35	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 03:52	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-11

Date Collected: 09/11/24 09:30

Matrix: Solid

Date Received: 09/12/24 10:48

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	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 17:20	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 16:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 16:28	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 03:59	CH	EET MID

Client Sample ID: TP - 3

Lab Sample ID: 890-7088-12

Date Collected: 09/11/24 09:33

Matrix: Solid

Date Received: 09/12/24 10:48

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	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 17:40	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 16:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 16:46	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 04:18	CH	EET MID

Client Sample ID: TP - 4

Lab Sample ID: 890-7088-13

Date Collected: 09/11/24 09:36

Matrix: Solid

Date Received: 09/12/24 10:48

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	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 18:01	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 13:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 13:16	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 17:04	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90661	09/14/24 04:25	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 4
Date Collected: 09/11/24 09:39
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-14
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			5.03 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 18:22	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 13:37	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 13:37	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 17:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90661	09/14/24 04:44	CH	EET MID

Client Sample ID: TP - 4
Date Collected: 09/11/24 09:42
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-15
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			5.04 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 18:42	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 13:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 13:57	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 17:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90661	09/14/24 04:51	CH	EET MID

Client Sample ID: TP - 4
Date Collected: 09/11/24 09:45
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 19:03	MNR	EET MID
Total/NA	Prep	5035			4.95 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 14:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 14:18	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 17:57	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90661	09/14/24 04:57	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 5
Date Collected: 09/11/24 09:48
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 19:23	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 14:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 14:38	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 18:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 18:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90661	09/14/24 05:04	CH	EET MID

Client Sample ID: TP - 5
Date Collected: 09/11/24 09:51
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 19:44	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 14:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 14:59	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 18:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90654	09/13/24 08:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90704	09/13/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90661	09/14/24 05:10	CH	EET MID

Client Sample ID: TP - 5
Date Collected: 09/11/24 09:54
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 20:05	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 15:19	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 15:19	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 12:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 12:23	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90661	09/14/24 05:17	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 5

Date Collected: 09/11/24 09:57

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	90659	09/13/24 08:46	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90565	09/13/24 20:25	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	90805	09/16/24 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90791	09/16/24 16:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/16/24 16:42	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 13:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 13:49	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90652	09/13/24 08:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90661	09/14/24 05:23	CH	EET MID

Client Sample ID: TP - 6

Date Collected: 09/11/24 10:00

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 12:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 12:10	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 14:06	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90671	09/14/24 06:15	CH	EET MID

Client Sample ID: TP - 6

Date Collected: 09/11/24 10:03

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 12:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 12:30	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 14:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 06:34	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 6
Date Collected: 09/11/24 10:06
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 12:51	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 14:42	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 06:41	CH	EET MID

Client Sample ID: TP - 6
Date Collected: 09/11/24 10:09
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 13:11	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 14:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 14:59	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 06:47	CH	EET MID

Client Sample ID: TP - 6
Date Collected: 09/11/24 10:12
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 13:32	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 15:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 15:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 06:54	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 09/11/24 10:15
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-26
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			5.03 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 13:52	MNR	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 7
Date Collected: 09/11/24 10:15
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			90894	09/13/24 15:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 15:35	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 07:13	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 09/11/24 10:18
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 14:13	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 16:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 16:28	TKC	EET MID
Soluble	Leach	DI Leach			5.20 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 07:19	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 09/11/24 10:21
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 14:33	MNR	EET MID
Total/NA	Prep	5035			4.96 g	5 mL	90770	09/14/24 12:21	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	90765	09/15/24 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/15/24 00:03	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 16:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 16:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90671	09/14/24 07:26	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 09/11/24 10:24
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-29
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			5.01 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 14:54	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:04	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 7
Date Collected: 09/11/24 10:24
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-29
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	8015NM Prep			10.03 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 17:04	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 07:32	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 09/11/24 10:27
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 15:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 15:15	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 17:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 07:39	CH	EET MID

Client Sample ID: TP - 8
Date Collected: 09/11/24 10:30
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 17:50	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 17:39	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90671	09/14/24 07:45	CH	EET MID

Client Sample ID: TP - 8
Date Collected: 09/11/24 10:33
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-32
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			4.95 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 18:11	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 17:57	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 8

Date Collected: 09/11/24 10:33

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90671	09/14/24 08:05	CH	EET MID

Client Sample ID: TP - 8

Date Collected: 09/11/24 10:36

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 18:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 18:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 18:15	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90671	09/14/24 08:11	CH	EET MID

Client Sample ID: TP - 8

Date Collected: 09/11/24 10:39

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-34

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			5.03 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 18:52	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 18:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90671	09/14/24 08:43	CH	EET MID

Client Sample ID: TP - 8

Date Collected: 09/11/24 10:42

Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-35

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			5.04 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 19:12	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 18:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 18:50	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90671	09/14/24 08:50	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Client Sample ID: TP - 8
Date Collected: 09/11/24 10:45
Date Received: 09/12/24 10:48

Lab Sample ID: 890-7088-36
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			5.00 g	5 mL	90658	09/13/24 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90660	09/13/24 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90819	09/13/24 19:33	MNR	EET MID
Total/NA	Analysis	8015 NM		1			90894	09/13/24 19:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90655	09/13/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90716	09/13/24 19:07	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90653	09/13/24 08:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90671	09/14/24 08:56	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: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
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

- 1
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Method Summary

Client: NT Global
Project/Site: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County 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: Poseidon Donnie Hill Mainline

Job ID: 890-7088-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7088-1	TP - 1	Solid	09/11/24 09:00	09/12/24 10:48	1'
890-7088-2	TP - 1	Solid	09/11/24 09:03	09/12/24 10:48	2'
890-7088-3	TP - 1	Solid	09/11/24 09:06	09/12/24 10:48	3'
890-7088-4	TP - 1	Solid	09/11/24 09:09	09/12/24 10:48	4'
890-7088-5	TP - 2	Solid	09/11/24 09:12	09/12/24 10:48	1'
890-7088-6	TP - 2	Solid	09/11/24 09:15	09/12/24 10:48	2'
890-7088-7	TP - 2	Solid	09/11/24 09:18	09/12/24 10:48	3'
890-7088-8	TP - 2	Solid	09/11/24 09:21	09/12/24 10:48	4'
890-7088-9	TP - 3	Solid	09/11/24 09:24	09/12/24 10:48	1'
890-7088-10	TP - 3	Solid	09/11/24 09:27	09/12/24 10:48	2'
890-7088-11	TP - 3	Solid	09/11/24 09:30	09/12/24 10:48	3'
890-7088-12	TP - 3	Solid	09/11/24 09:33	09/12/24 10:48	4'
890-7088-13	TP - 4	Solid	09/11/24 09:36	09/12/24 10:48	1'
890-7088-14	TP - 4	Solid	09/11/24 09:39	09/12/24 10:48	2'
890-7088-15	TP - 4	Solid	09/11/24 09:42	09/12/24 10:48	3'
890-7088-16	TP - 4	Solid	09/11/24 09:45	09/12/24 10:48	4'
890-7088-17	TP - 5	Solid	09/11/24 09:48	09/12/24 10:48	1'
890-7088-18	TP - 5	Solid	09/11/24 09:51	09/12/24 10:48	2'
890-7088-19	TP - 5	Solid	09/11/24 09:54	09/12/24 10:48	3'
890-7088-20	TP - 5	Solid	09/11/24 09:57	09/12/24 10:48	4'
890-7088-21	TP - 6	Solid	09/11/24 10:00	09/12/24 10:48	1'
890-7088-22	TP - 6	Solid	09/11/24 10:03	09/12/24 10:48	2'
890-7088-23	TP - 6	Solid	09/11/24 10:06	09/12/24 10:48	3'
890-7088-24	TP - 6	Solid	09/11/24 10:09	09/12/24 10:48	4'
890-7088-25	TP - 6	Solid	09/11/24 10:12	09/12/24 10:48	5'
890-7088-26	TP - 7	Solid	09/11/24 10:15	09/12/24 10:48	1'
890-7088-27	TP - 7	Solid	09/11/24 10:18	09/12/24 10:48	2'
890-7088-28	TP - 7	Solid	09/11/24 10:21	09/12/24 10:48	3'
890-7088-29	TP - 7	Solid	09/11/24 10:24	09/12/24 10:48	4'
890-7088-30	TP - 7	Solid	09/11/24 10:27	09/12/24 10:48	5'
890-7088-31	TP - 8	Solid	09/11/24 10:30	09/12/24 10:48	1'
890-7088-32	TP - 8	Solid	09/11/24 10:33	09/12/24 10:48	2'
890-7088-33	TP - 8	Solid	09/11/24 10:36	09/12/24 10:48	3'
890-7088-34	TP - 8	Solid	09/11/24 10:39	09/12/24 10:48	4'
890-7088-35	TP - 8	Solid	09/11/24 10:42	09/12/24 10:48	5'
890-7088-36	TP - 8	Solid	09/11/24 10:45	09/12/24 10:48	6'

Chain of Custody

Work Order No: _____

Page 1 of 4



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: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes		
Project Name:	Poseidon Donnie Hill Mainline	Turn Around	Pres. Code							None: NO	DI Water: H ₂ O	
Project Number:	249137	☒ Routine ☐ Rush								Cool: Cool	MeOH: Me	
Project Location:	Lea County	Due Date:								HCL: HC	HNO ₃ : HN	
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm								H ₂ SO ₄ : H ₂	NaOH: Na	
PO #:	N/A	Temp Blank: Yes ☐ No ☒	Wet Ice: Yes ☐ No ☒							H ₃ PO ₄ : HP		
SAMPLE RECEIPT		Thermometer ID: Yes ☐ No ☒	Correction Factor: Yes ☐ No ☒							NaHSO ₄ : NABIS		
Received Intact:		Yes ☐ No ☒	Temperature Reading: Yes ☐ No ☒							Na ₂ S ₂ O ₃ : NaSO ₃		
Cooler Custody Seals:		Yes ☐ No ☒	Corrected Temperature: Yes ☐ No ☒							Zn Acetate+NaOH: Zn		
Sample Custody Seals:		Yes ☐ No ☒								NaOH+Ascorbic Acid: SAPC		
Total Containers:	36											
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont					Sample Comments
TP-1	1'	9/11/2024	9:00	X		Grab	1	X	X	X		
TP-1	2'	9/11/2024	9:03	X		Grab	1	X	X	X		
TP-1	3'	9/11/2024	9:06	X		Grab	1	X	X	X		
TP-1	4'	9/11/2024	9:09	X		Grab	1	X	X	X		
TP-2	1'	9/11/2024	9:12	X		Grab	1	X	X	X		
TP-2	2'	9/11/2024	9:15	X		Grab	1	X	X	X		
TP-2	3'	9/11/2024	9:18	X		Grab	1	X	X	X		
TP-2	4'	9/11/2024	9:21	X		Grab	1	X	X	X		
TP-3	1'	9/11/2024	9:24	X		Grab	1	X	X	X		
TP-3	2'	9/11/2024	9:27	X		Grab	1	X	X	X		



890-7088 Chain of Custody

TPH 8015M (GRO + DRO + MRO)

Parameters

BTEX 8021B

Chloride 4500

Additional Comments:

Bill directly to Shelly Cowden @ Shelly.Cowden@pilotwater.com

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/12/2024			

Revised Date 05/10/2020 Rev. 2020.1

Chain of Custody

Work Order No: _____

Page 2 of 4



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: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRP ☐ Level IV ☐	Deliverables: EDD ☐ ADAPT ☐ Other:

ANALYSIS REQUEST										Preservative Codes		
Project Name:	Poseidon Donnie Hill Mainline	Turn Around	Pres. Code							None: NO	DI Water: H ₂ O	
Project Number:	249137	☒ Routine ☐ Rush								Cool: Cool	MeOH: Me	
Project Location:	Lea County	Due Date:								HCL: HC	HNO ₃ : HN	
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm								H ₂ SO ₄ : H ₂	NaOH: Na	
PO #:	N/A	Temp Blank:	Yes No	Wet Ice:	Yes No						H ₃ PO ₄ : HP	
SAMPLE RECEIPT	Received Intact:	Yes No	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:						NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes No	N/A										Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes No	N/A										Zn Acetate+NaOH: Zn
Total Containers:	36											NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont					Sample Comments
TP-3	3'	9/11/2024	9:30	X		Grab	1	X	X	X		
TP-3	4'	9/11/2024	9:33	X		Grab	1	X	X	X		
TP-4	1'	9/11/2024	9:36	X		Grab	1	X	X	X		
TP-4	2'	9/11/2024	9:39	X		Grab	1	X	X	X		
TP-4	3'	9/11/2024	9:42	X		Grab	1	X	X	X		
TP-4	4'	9/11/2024	9:45	X		Grab	1	X	X	X		
TP-5	1'	9/11/2024	9:48	X		Grab	1	X	X	X		
TP-5	2'	9/11/2024	9:51	X		Grab	1	X	X	X		
TP-5	3'	9/11/2024	9:54	X		Grab	1	X	X	X		
TP-5	4'	9/11/2024	9:57	X		Grab	1	X	X	X		

Additional Comments:

Bill directly to Shelly Cowden @ Shelly.Cowden@pilotwater.com

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9/12 1048			

Revised Date 05/10/2020 Rev 2020.1

Chain of Custody

Work Order No: _____

Page 3 of 4



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: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

ANALYSIS REQUEST										Preservative Codes		
Project Name:	Poseidon Donnie Hill Mainline	Turn Around	Pres. Code							None: NO	DI Water: H ₂ O	
Project Number:	249137	☒ Routine ☐ Rush								Cool: Cool	MeOH: Me	
Project Location:	Lea County	Due Date:								HCL: HC	HNO ₃ : HN	
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm								H ₂ SO ₄ : H ₂	NaOH: Na	
PO #:	N/A									H ₃ PO ₄ : HP		
SAMPLE RECEIPT			Temp Blank:	Yes	No	Wet Ice:	Yes	No				
Received Intact:			Yes	No	Thermometer ID:	11/11/2024						
Cooler Custody Seals:			Yes	No	Correction Factor:	-0.2						
Sample Custody Seals:			Yes	No	Temperature Reading:	2.2						
Total Containers:			36	Corrected Temperature:			2.0					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont					
TP-6	1'	9/11/2024	10:00	X		Grab	1	X	X	X		
TP-6	2'	9/11/2024	10:03	X		Grab	1	X	X	X		
TP-6	3'	9/11/2024	10:06	X		Grab	1	X	X	X		
TP-6	4'	9/11/2024	10:09	X		Grab	1	X	X	X		
TP-6	5'	9/11/2024	10:12	X		Grab	1	X	X	X		
TP-7	1'	9/11/2024	10:15	X		Grab	1	X	X	X		
TP-7	2'	9/11/2024	10:18	X		Grab	1	X	X	X		
TP-7	3'	9/11/2024	10:21	X		Grab	1	X	X	X		
TP-7	4'	9/11/2024	10:24	X		Grab	1	X	X	X		
TP-7	5'	9/11/2024	10:27	X		Grab	1	X	X	X		

Additional Comments:

Bill directly to Shelly Cowden @ Shelly.Cowden@pilotwater.com

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1 <i>[Signature]</i>	1 <i>[Signature]</i>	9/12 10:48			
3 <i>[Signature]</i>					
5 <i>[Signature]</i>					

Revised Date 05/01/2020 Rev 2020.1

Chain of Custody

Work Order No: _____

Page 4 of 4



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@ntgglobal.com

Work Order Comments	
Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:		Poseidon Donnie Hill Mainline		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:	249137	Lea County		☒ Routine	☐ Rush													None: NO		
Project Location	Clayton Tumas	N/A		Due Date:		TAT starts the day received by the lab, if received by 4:30pm												Cool: Cool		
Sampler's Name:																		HCL: HC		
PO #																		H ₂ SO ₄ : H ₂		
SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:	Yes	No											H ₃ PO ₄ : HP		
Received Intact:		Yes	No	Thermometer ID:	11111111												NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes	No	Correction Factor:	-0.2												Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes	No	Temperature Reading:	2.2												Zn Acetate+NaOH: Zn			
Total Containers:		36			Corrected Temperature:		2.2												NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
TP-8	1'	9/11/2024	10:30	X		Grab	1													
TP-8	2'	9/11/2024	10:33	X		Grab	1													
TP-8	3'	9/11/2024	10:36	X		Grab	1													
TP-8	4'	9/11/2024	10:39	X		Grab	1													
TP-8	5'	9/11/2024	10:42	X		Grab	1													
TP-8	6'	9/11/2024	10:45	X		Grab	1													
								BTEX 8021B												
								TPH 8015M (GRO + DRO + MRO)												
								Chloride 4500												
								HOLD												

Additional Comments:

Bill directly to Shelly Cowden @ Shelly.Cowden@pilotwater.com

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		9/12 10:18			

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7088-1
SDG Number: Lea County NM

Login Number: 7088
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: 890-7088-1
SDG Number: Lea County NM

Login Number: 7088
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 09/13/24 07:55 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 10/7/2024 2:44:34 PM

JOB DESCRIPTION

POSEIDON DONNIE HILL MAINLINE
249137

JOB NUMBER

890-7180-1

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
10/7/2024 2:44:34 PM

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

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Laboratory Job ID: 890-7180-1
SDG: 249137

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Definitions/Glossary

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1

Job ID: 890-7180-1

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Job Narrative
890-7180-1

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 10/2/2024 8:52 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 -0.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: TP - 4 (890-7180-1), TP - 4 (890-7180-2), TP - 4 (890-7180-3), TP - 6 (890-7180-4), TP - 6 (890-7180-5), TP - 6 (890-7180-6), TP - 7 (890-7180-7), TP - 7 (890-7180-8), TP - 7 (890-7180-9) and TP - 7 (890-7180-10).

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 880-92450 and analytical batch 880-92613 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-92450 and analytical batch 880-92613 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCSD) recovery and MSD recovery was within acceptance limits.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-92450 and analytical batch 880-92613 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike duplicate (MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-92450/2-A), (LCSD 880-92450/3-A) and (890-7180-A-6-B MS). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCSD 880-92417/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-92417 and analytical batch 880-92492 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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-92417 and analytical batch 880-92492 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-92492 exhibited % difference of > 20% for the following analyte(s) Diesel Range Organics (Over C10-C28). These results are within the acceptance limits but exceed the performance criteria.

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

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Case Narrative

Client: NT Global
Project: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1

Job ID: 890-7180-1 (Continued) Eurofins Carlsbad

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-92504 and analytical batch 880-92581 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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Client Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 4
Date Collected: 10/01/24 01:20
Date Received: 10/02/24 08:52
Sample Depth: 6 - 6.5

Lab Sample ID: 890-7180-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 12:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/03/24 12:14	10/04/24 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 12:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/03/24 12:14	10/04/24 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				10/03/24 12:14	10/04/24 12:17	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/03/24 12:14	10/04/24 12:17	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			10/04/24 12:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/05/24 05:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		10/02/24 16:47	10/05/24 05:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/02/24 16:47	10/05/24 05:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/02/24 16:47	10/05/24 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/02/24 16:47	10/05/24 05:38	1
o-Terphenyl	114		70 - 130				10/02/24 16:47	10/05/24 05:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		5.02		mg/Kg			10/06/24 13:57	1

Client Sample ID: TP - 4
Date Collected: 10/01/24 01:25
Date Received: 10/02/24 08:52
Sample Depth: 7 - 7.5

Lab Sample ID: 890-7180-2
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		10/03/24 12:14	10/04/24 12:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 12:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 12:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 12:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 12:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				10/03/24 12:14	10/04/24 12:38	1

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Client Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 4
Date Collected: 10/01/24 01:25
Date Received: 10/02/24 08:52
Sample Depth: 7 - 7.5

Lab Sample ID: 890-7180-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130				10/03/24 12:14	10/04/24 12:38	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/04/24 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	<49.7	U	49.7		mg/Kg			10/05/24 05:54	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		10/02/24 16:47	10/05/24 05:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		10/02/24 16:47	10/05/24 05:54	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/02/24 16:47	10/05/24 05:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/02/24 16:47	10/05/24 05:54	1
o-Terphenyl	95		70 - 130				10/02/24 16:47	10/05/24 05:54	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		5.04		mg/Kg			10/06/24 14:03	1

Client Sample ID: TP - 4
Date Collected: 10/01/24 01:30
Date Received: 10/02/24 08:52
Sample Depth: 8 - 8.5

Lab Sample ID: 890-7180-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 12:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 12:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 12:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 12:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 12:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				10/03/24 12:14	10/04/24 12:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/03/24 12:14	10/04/24 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			10/04/24 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	<50.0	U	50.0		mg/Kg			10/05/24 06:08	1

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Client Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 4
Date Collected: 10/01/24 01:30
Date Received: 10/02/24 08:52
Sample Depth: 8 - 8.5

Lab Sample ID: 890-7180-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		10/02/24 16:47	10/05/24 06:08	1	
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/02/24 16:47	10/05/24 06:08	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/24 16:47	10/05/24 06:08	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	80		70 - 130				10/02/24 16:47	10/05/24 06:08	1	
o-Terphenyl	82		70 - 130				10/02/24 16:47	10/05/24 06:08	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	30.0		4.99		mg/Kg			10/06/24 14:09	1	

Client Sample ID: TP - 6
Date Collected: 10/01/24 01:35
Date Received: 10/02/24 08:52
Sample Depth: 6 - 6.5

Lab Sample ID: 890-7180-4
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		10/03/24 12:14	10/04/24 13:19	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 13:19	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 13:19	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/03/24 12:14	10/04/24 13:19	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 13:19	1	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/03/24 12:14	10/04/24 13:19	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	93		70 - 130				10/03/24 12:14	10/04/24 13:19	1	
1,4-Difluorobenzene (Surr)	92		70 - 130				10/03/24 12:14	10/04/24 13:19	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			10/04/24 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	<49.8	U	49.8		mg/Kg			10/05/24 06:23	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		10/02/24 16:47	10/05/24 06:23	1	
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/02/24 16:47	10/05/24 06:23	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/24 16:47	10/05/24 06:23	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	80		70 - 130				10/02/24 16:47	10/05/24 06:23	1	
o-Terphenyl	87		70 - 130				10/02/24 16:47	10/05/24 06:23	1	

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Client Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 6

Date Collected: 10/01/24 01:35

Date Received: 10/02/24 08:52

Sample Depth: 6 - 6.5

Lab Sample ID: 890-7180-4

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2230		24.8		mg/Kg			10/06/24 14:16	5

Client Sample ID: TP - 6

Date Collected: 10/01/24 01:40

Date Received: 10/02/24 08:52

Sample Depth: 7 - 7.5

Lab Sample ID: 890-7180-5

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		10/03/24 12:14	10/04/24 13:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 13:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 13:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/03/24 12:14	10/04/24 13:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 13:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/03/24 12:14	10/04/24 13:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				10/03/24 12:14	10/04/24 13:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/03/24 12:14	10/04/24 13:39	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			10/04/24 13:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/05/24 06:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		10/02/24 16:47	10/05/24 06:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/02/24 16:47	10/05/24 06:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/02/24 16:47	10/05/24 06:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				10/02/24 16:47	10/05/24 06:38	1
o-Terphenyl	91		70 - 130				10/02/24 16:47	10/05/24 06:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	713		5.02		mg/Kg			10/06/24 14:22	1

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Client Sample Results

Client: NT Global

Job ID: 890-7180-1

Project/Site: POSEIDON DONNIE HILL MAINLINE

SDG: 249137

Client Sample ID: TP - 6

Lab Sample ID: 890-7180-6

Date Collected: 10/01/24 01:45

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 8 - 8.5

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		10/03/24 12:14	10/04/24 14:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 14:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 14:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/03/24 12:14	10/04/24 14:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 14:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/03/24 12:14	10/04/24 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	10/03/24 12:14	10/04/24 14:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/03/24 12:14	10/04/24 14:00	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			10/04/24 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/24 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 F1 *+	50.0		mg/Kg		10/03/24 09:18	10/04/24 17:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U F2 F1 *+	50.0		mg/Kg		10/03/24 09:18	10/04/24 17:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/24 09:18	10/04/24 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/03/24 09:18	10/04/24 17:42	1
o-Terphenyl	87		70 - 130	10/03/24 09:18	10/04/24 17:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.6		4.96		mg/Kg			10/06/24 17:47	1

Client Sample ID: TP - 7

Lab Sample ID: 890-7180-7

Date Collected: 10/01/24 01:50

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 6 - 6.5

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		10/03/24 12:14	10/04/24 14:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 14:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 14:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/03/24 12:14	10/04/24 14:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 14:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/03/24 12:14	10/04/24 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/03/24 12:14	10/04/24 14:21	1

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Client Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 7

Lab Sample ID: 890-7180-7

Date Collected: 10/01/24 01:50

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 6 - 6.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	82		70 - 130	10/03/24 12:14	10/04/24 14:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/04/24 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/04/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *+	49.7		mg/Kg		10/03/24 09:18	10/04/24 18:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/03/24 09:18	10/04/24 18:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/03/24 09:18	10/04/24 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/03/24 09:18	10/04/24 18:33	1
o-Terphenyl	85		70 - 130				10/03/24 09:18	10/04/24 18:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1590		25.2		mg/Kg			10/06/24 17:54	5

Client Sample ID: TP - 7

Lab Sample ID: 890-7180-8

Date Collected: 10/01/24 01:55

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 7 - 7.5

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		10/03/24 12:14	10/04/24 14:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 14:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 14:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 14:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 14:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	10/03/24 12:14	10/04/24 14:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/03/24 12:14	10/04/24 14:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/04/24 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/24 18:49	1

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Client Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 7

Lab Sample ID: 890-7180-8

Date Collected: 10/01/24 01:55

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 7 - 7.5

Method: SW846 8015B 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		10/03/24 09:18	10/04/24 18:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		10/03/24 09:18	10/04/24 18:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/24 09:18	10/04/24 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				10/03/24 09:18	10/04/24 18:49	1
o-Terphenyl	86		70 - 130				10/03/24 09:18	10/04/24 18:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		4.98		mg/Kg			10/06/24 18:00	1

Client Sample ID: TP - 7

Lab Sample ID: 890-7180-9

Date Collected: 10/01/24 02:00

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 8 - 8.5

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		10/03/24 12:14	10/04/24 15:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 15:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 15:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 15:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/03/24 12:14	10/04/24 15:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/03/24 12:14	10/04/24 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				10/03/24 12:14	10/04/24 15:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/03/24 12:14	10/04/24 15:02	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			10/04/24 15:02	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			10/04/24 19:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		10/03/24 09:18	10/04/24 19:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		10/03/24 09:18	10/04/24 19:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/24 09:18	10/04/24 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/03/24 09:18	10/04/24 19:05	1
o-Terphenyl	89		70 - 130				10/03/24 09:18	10/04/24 19:05	1

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Client Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 7

Lab Sample ID: 890-7180-9

Date Collected: 10/01/24 02:00

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 8 - 8.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		5.04		mg/Kg			10/06/24 18:07	1

Client Sample ID: TP - 7

Lab Sample ID: 890-7180-10

Date Collected: 10/01/24 02:05

Matrix: Solid

Date Received: 10/02/24 08:52

Sample Depth: 9 - 9.5

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		10/03/24 12:14	10/04/24 15:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 15:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 15:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/03/24 12:14	10/04/24 15:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 15:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/03/24 12:14	10/04/24 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/03/24 12:14	10/04/24 15:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/03/24 12:14	10/04/24 15:23	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			10/04/24 15:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/04/24 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U **	50.5		mg/Kg		10/03/24 09:18	10/04/24 19:22	1
Diesel Range Organics (Over C10-C28)	<50.5	U **	50.5		mg/Kg		10/03/24 09:18	10/04/24 19:22	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/03/24 09:18	10/04/24 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/03/24 09:18	10/04/24 19:22	1
o-Terphenyl	92		70 - 130				10/03/24 09:18	10/04/24 19:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.4		4.97		mg/Kg			10/06/24 19:10	1

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Surrogate Summary

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

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)
890-7180-1	TP - 4	78	94
890-7180-1 MS	TP - 4	109	110
890-7180-1 MSD	TP - 4	97	101
890-7180-2	TP - 4	87	94
890-7180-3	TP - 4	85	95
890-7180-4	TP - 6	93	92
890-7180-5	TP - 6	89	96
890-7180-6	TP - 6	89	98
890-7180-7	TP - 7	88	82
890-7180-8	TP - 7	85	95
890-7180-9	TP - 7	78	100
890-7180-10	TP - 7	90	96
LCS 880-92487/1-A	Lab Control Sample	100	104
LCSD 880-92487/2-A	Lab Control Sample Dup	108	105
MB 880-92487/5-A	Method Blank	80	98
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7179-A-17-B MS	Matrix Spike	101	97
890-7179-A-17-C MSD	Matrix Spike Duplicate	99	95
890-7180-1	TP - 4	105	114
890-7180-2	TP - 4	87	95
890-7180-3	TP - 4	80	82
890-7180-4	TP - 6	80	87
890-7180-5	TP - 6	86	91
890-7180-6	TP - 6	104	87
890-7180-6 MS	TP - 6	57 S1-	54 S1-
890-7180-6 MSD	TP - 6	93	86
890-7180-7	TP - 7	98	85
890-7180-8	TP - 7	99	86
890-7180-9	TP - 7	101	89
890-7180-10	TP - 7	110	92
LCS 880-92417/2-A	Lab Control Sample	109	105
LCS 880-92450/2-A	Lab Control Sample	172 S1+	158 S1+
LCSD 880-92417/3-A	Lab Control Sample Dup	143 S1+	136 S1+
LCSD 880-92450/3-A	Lab Control Sample Dup	150 S1+	136 S1+
MB 880-92417/1-A	Method Blank	116	126
MB 880-92450/1-A	Method Blank	133 S1+	164 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-92487/5-A

Matrix: Solid

Analysis Batch: 92557

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 11:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/03/24 12:14	10/04/24 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/03/24 12:14	10/04/24 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/03/24 12:14	10/04/24 11:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	10/03/24 12:14	10/04/24 11:55	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/03/24 12:14	10/04/24 11:55	1

Lab Sample ID: LCS 880-92487/1-A

Matrix: Solid

Analysis Batch: 92557

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08716		mg/Kg		87	70 - 130
Toluene	0.100	0.08714		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08920		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.2072		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09901		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-92487/2-A

Matrix: Solid

Analysis Batch: 92557

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92487

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09487		mg/Kg		95	70 - 130	8	35
Toluene	0.100	0.09116		mg/Kg		91	70 - 130	5	35
Ethylbenzene	0.100	0.07584		mg/Kg		76	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.2152		mg/Kg		108	70 - 130	4	35
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-7180-1 MS

Matrix: Solid

Analysis Batch: 92557

Client Sample ID: TP - 4

Prep Type: Total/NA

Prep Batch: 92487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09592		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.08884		mg/Kg		89	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

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

Lab Sample ID: 890-7180-1 MS
Matrix: Solid
Analysis Batch: 92557

Client Sample ID: TP - 4
Prep Type: Total/NA
Prep Batch: 92487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1143		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2063		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	110		70 - 130						

Lab Sample ID: 890-7180-1 MSD
Matrix: Solid
Analysis Batch: 92557

Client Sample ID: TP - 4
Prep Type: Total/NA
Prep Batch: 92487

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	0.09404		mg/Kg		94	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09210		mg/Kg		92	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08879		mg/Kg		89	70 - 130	25	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1991		mg/Kg		99	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09614		mg/Kg		96	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	97		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

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

Lab Sample ID: MB 880-92417/1-A
Matrix: Solid
Analysis Batch: 92492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92417

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		10/02/24 16:47	10/05/24 00:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/02/24 16:47	10/05/24 00:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/02/24 16:47	10/05/24 00:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	116		70 - 130						
o-Terphenyl	126		70 - 130						

Lab Sample ID: LCS 880-92417/2-A
Matrix: Solid
Analysis Batch: 92492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92417

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	902.0		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	969.8		mg/Kg		97	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

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

Lab Sample ID: LCS 880-92417/2-A
Matrix: Solid
Analysis Batch: 92492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92417

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: LCSD 880-92417/3-A
Matrix: Solid
Analysis Batch: 92492

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92417

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1155	*1	mg/Kg		115	70 - 130	25	20
Diesel Range Organics (Over C10-C28)	1000	1305	*1	mg/Kg		130	70 - 130	29	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	143	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: 890-7179-A-17-B MS
Matrix: Solid
Analysis Batch: 92492

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 92417

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	802.2		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *1	997	773.2		mg/Kg		78	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 890-7179-A-17-C MSD
Matrix: Solid
Analysis Batch: 92492

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 92417

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	997	762.9		mg/Kg		77	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	997	752.2		mg/Kg		75	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	95		70 - 130

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QC Sample Results

Client: NT Global

Job ID: 890-7180-1

Project/Site: POSEIDON DONNIE HILL MAINLINE

SDG: 249137

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

Lab Sample ID: MB 880-92450/1-A

Matrix: Solid

Analysis Batch: 92613

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92450

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		10/03/24 09:17	10/04/24 07:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/24 09:17	10/04/24 07:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/24 09:17	10/04/24 07:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				10/03/24 09:17	10/04/24 07:48	1
o-Terphenyl	164	S1+	70 - 130				10/03/24 09:17	10/04/24 07:48	1

Lab Sample ID: LCS 880-92450/2-A

Matrix: Solid

Analysis Batch: 92613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1421	*+	mg/Kg		142	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1318	*+	mg/Kg		132	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	172	S1+	70 - 130				
o-Terphenyl	158	S1+	70 - 130				

Lab Sample ID: LCSD 880-92450/3-A

Matrix: Solid

Analysis Batch: 92613

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92450

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1275		mg/Kg		127	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1158		mg/Kg		116	70 - 130	13	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	150	S1+	70 - 130						
o-Terphenyl	136	S1+	70 - 130						

Lab Sample ID: 890-7180-6 MS

Matrix: Solid

Analysis Batch: 92613

Client Sample ID: TP - 6

Prep Type: Total/NA

Prep Batch: 92450

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 F2 F1 *	996	514.1	F1	mg/Kg		52	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F2 F1 *	996	500.1	F1	mg/Kg		50	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

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

Lab Sample ID: 890-7180-6 MS

Matrix: Solid

Analysis Batch: 92613

Client Sample ID: TP - 6

Prep Type: Total/NA

Prep Batch: 92450

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	57	S1-	70 - 130
o-Terphenyl	54	S1-	70 - 130

Lab Sample ID: 890-7180-6 MSD

Matrix: Solid

Analysis Batch: 92613

Client Sample ID: TP - 6

Prep Type: Total/NA

Prep Batch: 92450

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 F2 F1 *	996	897.2	F2	mg/Kg		90	70 - 130	54	20
Diesel Range Organics (Over C10-C28)	<50.0	U F2 F1 *	996	776.8	F2	mg/Kg		78	70 - 130	43	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	86		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92501/1-A

Matrix: Solid

Analysis Batch: 92566

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			10/06/24 11:10	1

Lab Sample ID: LCS 880-92501/2-A

Matrix: Solid

Analysis Batch: 92566

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.9		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-92501/3-A

Matrix: Solid

Analysis Batch: 92566

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.5		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 890-7179-A-27-D MS

Matrix: Solid

Analysis Batch: 92566

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	230		250	487.7		mg/Kg		103	90 - 110

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QC Sample Results

Client: NT Global

Job ID: 890-7180-1

Project/Site: POSEIDON DONNIE HILL MAINLINE

SDG: 249137

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7179-A-27-E MSD

Matrix: Solid

Analysis Batch: 92566

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	230		250	481.6		mg/Kg		101	90 - 110	1	20

Lab Sample ID: MB 880-92504/1-A

Matrix: Solid

Analysis Batch: 92581

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			10/06/24 14:54	1

Lab Sample ID: LCS 880-92504/2-A

Matrix: Solid

Analysis Batch: 92581

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.4		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-92504/3-A

Matrix: Solid

Analysis Batch: 92581

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.9		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-49321-A-9-B MS

Matrix: Solid

Analysis Batch: 92581

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	353		249	578.3		mg/Kg		91	90 - 110

Lab Sample ID: 880-49321-A-9-C MSD

Matrix: Solid

Analysis Batch: 92581

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	353		249	588.0		mg/Kg		95	90 - 110	2	20

Lab Sample ID: 880-49323-A-7-B MSD

Matrix: Solid

Analysis Batch: 92581

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	4810	F1	2530	8493	F1	mg/Kg		146	90 - 110	3	20

Lab Sample ID: 880-49323-A-7-C MS

Matrix: Solid

Analysis Batch: 92581

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	4810	F1	2480	8216	F1	mg/Kg		137	90 - 110

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QC Sample Results

Client: NT Global

Job ID: 890-7180-1

Project/Site: POSEIDON DONNIE HILL MAINLINE

SDG: 249137

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92569/1-A

Matrix: Solid

Analysis Batch: 92586

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			10/06/24 16:34	1

Lab Sample ID: LCS 880-92569/2-A

Matrix: Solid

Analysis Batch: 92586

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.9		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-92569/3-A

Matrix: Solid

Analysis Batch: 92586

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	249.8		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-49345-A-3-C MS

Matrix: Solid

Analysis Batch: 92586

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	231		251	493.1		mg/Kg		104	90 - 110

Lab Sample ID: 880-49345-A-3-D MSD

Matrix: Solid

Analysis Batch: 92586

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	231		251	492.3		mg/Kg		104	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

GC VOA

Prep Batch: 92487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Total/NA	Solid	5035	
890-7180-2	TP - 4	Total/NA	Solid	5035	
890-7180-3	TP - 4	Total/NA	Solid	5035	
890-7180-4	TP - 6	Total/NA	Solid	5035	
890-7180-5	TP - 6	Total/NA	Solid	5035	
890-7180-6	TP - 6	Total/NA	Solid	5035	
890-7180-7	TP - 7	Total/NA	Solid	5035	
890-7180-8	TP - 7	Total/NA	Solid	5035	
890-7180-9	TP - 7	Total/NA	Solid	5035	
890-7180-10	TP - 7	Total/NA	Solid	5035	
MB 880-92487/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92487/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92487/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7180-1 MS	TP - 4	Total/NA	Solid	5035	
890-7180-1 MSD	TP - 4	Total/NA	Solid	5035	

Analysis Batch: 92557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Total/NA	Solid	8021B	92487
890-7180-2	TP - 4	Total/NA	Solid	8021B	92487
890-7180-3	TP - 4	Total/NA	Solid	8021B	92487
890-7180-4	TP - 6	Total/NA	Solid	8021B	92487
890-7180-5	TP - 6	Total/NA	Solid	8021B	92487
890-7180-6	TP - 6	Total/NA	Solid	8021B	92487
890-7180-7	TP - 7	Total/NA	Solid	8021B	92487
890-7180-8	TP - 7	Total/NA	Solid	8021B	92487
890-7180-9	TP - 7	Total/NA	Solid	8021B	92487
890-7180-10	TP - 7	Total/NA	Solid	8021B	92487
MB 880-92487/5-A	Method Blank	Total/NA	Solid	8021B	92487
LCS 880-92487/1-A	Lab Control Sample	Total/NA	Solid	8021B	92487
LCSD 880-92487/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92487
890-7180-1 MS	TP - 4	Total/NA	Solid	8021B	92487
890-7180-1 MSD	TP - 4	Total/NA	Solid	8021B	92487

Analysis Batch: 92699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Total/NA	Solid	Total BTEX	
890-7180-2	TP - 4	Total/NA	Solid	Total BTEX	
890-7180-3	TP - 4	Total/NA	Solid	Total BTEX	
890-7180-4	TP - 6	Total/NA	Solid	Total BTEX	
890-7180-5	TP - 6	Total/NA	Solid	Total BTEX	
890-7180-6	TP - 6	Total/NA	Solid	Total BTEX	
890-7180-7	TP - 7	Total/NA	Solid	Total BTEX	
890-7180-8	TP - 7	Total/NA	Solid	Total BTEX	
890-7180-9	TP - 7	Total/NA	Solid	Total BTEX	
890-7180-10	TP - 7	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

GC Semi VOA

Prep Batch: 92417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Total/NA	Solid	8015NM Prep	
890-7180-2	TP - 4	Total/NA	Solid	8015NM Prep	
890-7180-3	TP - 4	Total/NA	Solid	8015NM Prep	
890-7180-4	TP - 6	Total/NA	Solid	8015NM Prep	
890-7180-5	TP - 6	Total/NA	Solid	8015NM Prep	
MB 880-92417/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92417/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92417/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7179-A-17-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7179-A-17-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 92450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-6	TP - 6	Total/NA	Solid	8015NM Prep	
890-7180-7	TP - 7	Total/NA	Solid	8015NM Prep	
890-7180-8	TP - 7	Total/NA	Solid	8015NM Prep	
890-7180-9	TP - 7	Total/NA	Solid	8015NM Prep	
890-7180-10	TP - 7	Total/NA	Solid	8015NM Prep	
MB 880-92450/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92450/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92450/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7180-6 MS	TP - 6	Total/NA	Solid	8015NM Prep	
890-7180-6 MSD	TP - 6	Total/NA	Solid	8015NM Prep	

Analysis Batch: 92492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Total/NA	Solid	8015B NM	92417
890-7180-2	TP - 4	Total/NA	Solid	8015B NM	92417
890-7180-3	TP - 4	Total/NA	Solid	8015B NM	92417
890-7180-4	TP - 6	Total/NA	Solid	8015B NM	92417
890-7180-5	TP - 6	Total/NA	Solid	8015B NM	92417
MB 880-92417/1-A	Method Blank	Total/NA	Solid	8015B NM	92417
LCS 880-92417/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92417
LCSD 880-92417/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92417
890-7179-A-17-B MS	Matrix Spike	Total/NA	Solid	8015B NM	92417
890-7179-A-17-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	92417

Analysis Batch: 92613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-6	TP - 6	Total/NA	Solid	8015B NM	92450
890-7180-7	TP - 7	Total/NA	Solid	8015B NM	92450
890-7180-8	TP - 7	Total/NA	Solid	8015B NM	92450
890-7180-9	TP - 7	Total/NA	Solid	8015B NM	92450
890-7180-10	TP - 7	Total/NA	Solid	8015B NM	92450
MB 880-92450/1-A	Method Blank	Total/NA	Solid	8015B NM	92450
LCS 880-92450/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92450
LCSD 880-92450/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92450
890-7180-6 MS	TP - 6	Total/NA	Solid	8015B NM	92450
890-7180-6 MSD	TP - 6	Total/NA	Solid	8015B NM	92450

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QC Association Summary

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

GC Semi VOA

Analysis Batch: 92710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Total/NA	Solid	8015 NM	
890-7180-2	TP - 4	Total/NA	Solid	8015 NM	
890-7180-3	TP - 4	Total/NA	Solid	8015 NM	
890-7180-4	TP - 6	Total/NA	Solid	8015 NM	
890-7180-5	TP - 6	Total/NA	Solid	8015 NM	
890-7180-6	TP - 6	Total/NA	Solid	8015 NM	
890-7180-7	TP - 7	Total/NA	Solid	8015 NM	
890-7180-8	TP - 7	Total/NA	Solid	8015 NM	
890-7180-9	TP - 7	Total/NA	Solid	8015 NM	
890-7180-10	TP - 7	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 92501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Soluble	Solid	DI Leach	
890-7180-2	TP - 4	Soluble	Solid	DI Leach	
890-7180-3	TP - 4	Soluble	Solid	DI Leach	
890-7180-4	TP - 6	Soluble	Solid	DI Leach	
890-7180-5	TP - 6	Soluble	Solid	DI Leach	
MB 880-92501/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92501/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92501/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7179-A-27-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7179-A-27-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 92504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-6	TP - 6	Soluble	Solid	DI Leach	
890-7180-7	TP - 7	Soluble	Solid	DI Leach	
890-7180-8	TP - 7	Soluble	Solid	DI Leach	
890-7180-9	TP - 7	Soluble	Solid	DI Leach	
MB 880-92504/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92504/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92504/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49321-A-9-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-49321-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-49323-A-7-B MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-49323-A-7-C MS	Matrix Spike	Soluble	Solid	DI Leach	

Analysis Batch: 92566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-1	TP - 4	Soluble	Solid	300.0	92501
890-7180-2	TP - 4	Soluble	Solid	300.0	92501
890-7180-3	TP - 4	Soluble	Solid	300.0	92501
890-7180-4	TP - 6	Soluble	Solid	300.0	92501
890-7180-5	TP - 6	Soluble	Solid	300.0	92501
MB 880-92501/1-A	Method Blank	Soluble	Solid	300.0	92501
LCS 880-92501/2-A	Lab Control Sample	Soluble	Solid	300.0	92501
LCSD 880-92501/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92501
890-7179-A-27-D MS	Matrix Spike	Soluble	Solid	300.0	92501

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QC Association Summary

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

HPLC/IC (Continued)

Analysis Batch: 92566 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7179-A-27-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92501

Leach Batch: 92569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-10	TP - 7	Soluble	Solid	DI Leach	
MB 880-92569/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92569/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92569/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49345-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-49345-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 92581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-6	TP - 6	Soluble	Solid	300.0	92504
890-7180-7	TP - 7	Soluble	Solid	300.0	92504
890-7180-8	TP - 7	Soluble	Solid	300.0	92504
890-7180-9	TP - 7	Soluble	Solid	300.0	92504
MB 880-92504/1-A	Method Blank	Soluble	Solid	300.0	92504
LCS 880-92504/2-A	Lab Control Sample	Soluble	Solid	300.0	92504
LCSD 880-92504/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92504
880-49321-A-9-B MS	Matrix Spike	Soluble	Solid	300.0	92504
880-49321-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92504
880-49323-A-7-B MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92504
880-49323-A-7-C MS	Matrix Spike	Soluble	Solid	300.0	92504

Analysis Batch: 92586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7180-10	TP - 7	Soluble	Solid	300.0	92569
MB 880-92569/1-A	Method Blank	Soluble	Solid	300.0	92569
LCS 880-92569/2-A	Lab Control Sample	Soluble	Solid	300.0	92569
LCSD 880-92569/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92569
880-49345-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	92569
880-49345-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92569

Lab Chronicle

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 4

Date Collected: 10/01/24 01:20

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 12:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/05/24 05:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92417	10/02/24 16:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92492	10/05/24 05:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92501	10/03/24 15:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92566	10/06/24 13:57	CH	EET MID

Client Sample ID: TP - 4

Date Collected: 10/01/24 01:25

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-2

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	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 12:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/05/24 05:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92417	10/02/24 16:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92492	10/05/24 05:54	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92501	10/03/24 15:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92566	10/06/24 14:03	CH	EET MID

Client Sample ID: TP - 4

Date Collected: 10/01/24 01:30

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 12:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/05/24 06:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92417	10/02/24 16:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92492	10/05/24 06:08	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92501	10/03/24 15:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92566	10/06/24 14:09	CH	EET MID

Client Sample ID: TP - 6

Date Collected: 10/01/24 01:35

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-4

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	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 13:19	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 6

Date Collected: 10/01/24 01:35

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-4

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			92710	10/05/24 06:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92417	10/02/24 16:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92492	10/05/24 06:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92501	10/03/24 15:32	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92566	10/06/24 14:16	CH	EET MID

Client Sample ID: TP - 6

Date Collected: 10/01/24 01:40

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 13:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 13:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/05/24 06:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92417	10/02/24 16:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92492	10/05/24 06:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92501	10/03/24 15:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92566	10/06/24 14:22	CH	EET MID

Client Sample ID: TP - 6

Date Collected: 10/01/24 01:45

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-6

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			4.99 g	5 mL	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 14:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/04/24 17:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92450	10/03/24 09:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92613	10/04/24 17:42	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92504	10/03/24 15:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92581	10/06/24 17:47	CH	EET MID

Client Sample ID: TP - 7

Date Collected: 10/01/24 01:50

Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 14:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/04/24 18:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92450	10/03/24 09:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92613	10/04/24 18:33	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Client Sample ID: TP - 7
Date Collected: 10/01/24 01:50
Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-7
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			4.97 g	50 mL	92504	10/03/24 15:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92581	10/06/24 17:54	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 10/01/24 01:55
Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 14:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/04/24 18:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92450	10/03/24 09:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92613	10/04/24 18:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92504	10/03/24 15:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92581	10/06/24 18:00	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 10/01/24 02:00
Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 15:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 15:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/04/24 19:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92450	10/03/24 09:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92613	10/04/24 19:05	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92504	10/03/24 15:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92581	10/06/24 18:07	CH	EET MID

Client Sample ID: TP - 7
Date Collected: 10/01/24 02:05
Date Received: 10/02/24 08:52

Lab Sample ID: 890-7180-10
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	92487	10/03/24 12:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92557	10/04/24 15:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92699	10/04/24 15:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			92710	10/04/24 19:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	92450	10/03/24 09:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92613	10/04/24 19:22	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92569	10/04/24 11:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92586	10/06/24 19:10	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

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: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

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: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

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: POSEIDON DONNIE HILL MAINLINE

Job ID: 890-7180-1
SDG: 249137

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7180-1	TP - 4	Solid	10/01/24 01:20	10/02/24 08:52	6 - 6.5
890-7180-2	TP - 4	Solid	10/01/24 01:25	10/02/24 08:52	7 - 7.5
890-7180-3	TP - 4	Solid	10/01/24 01:30	10/02/24 08:52	8 - 8.5
890-7180-4	TP - 6	Solid	10/01/24 01:35	10/02/24 08:52	6 - 6.5
890-7180-5	TP - 6	Solid	10/01/24 01:40	10/02/24 08:52	7 - 7.5
890-7180-6	TP - 6	Solid	10/01/24 01:45	10/02/24 08:52	8 - 8.5
890-7180-7	TP - 7	Solid	10/01/24 01:50	10/02/24 08:52	6 - 6.5
890-7180-8	TP - 7	Solid	10/01/24 01:55	10/02/24 08:52	7 - 7.5
890-7180-9	TP - 7	Solid	10/01/24 02:00	10/02/24 08:52	8 - 8.5
890-7180-10	TP - 7	Solid	10/01/24 02:05	10/02/24 08:52	9 - 9.5



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 St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:		Carlsbad, NM 88220	City, State ZIP:	Houston, TX, 77046
Phone:	432-701-2159	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:		Poseidon Donnie Hill Mainline		Turn Around		Press. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number:		249137		☒ Routine ☐ Rush						None: NO	
Project Location		Lea Co. NM		Due Date:						Cool: Cool	
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm						HCL HC	
PO #:										H ₂ SO ₄ : H ₂	
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 ₃ NaSO ₃	
Sample Custody Seals:		Yes		No		Temperature Reading:				Zn Acetate+NaOH: Zn	
Total Containers:		10		Corrected Temperature:						NaOH+Ascorbic Acid: SAPC	
Parameters BTEX 8021B H 8015M (GRO + DRO + MRO) Chloride 4500											
 890-7180 Chain of Custody											
HOLD											

[illegible]

Additional Comments:

Direct Bill to Shelly Landers

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio 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 Xencio. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, 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		10/2 852	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7180-1

SDG Number: 249137

Login Number: 7180

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: 890-7180-1

SDG Number: 249137

Login Number: 7180

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 10/03/24 08:19 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Oil Conservation Division

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QUESTIONS

Action 418889

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 418889
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2425557196
Incident Name	NAPP2425557196 POSEIDON DONNIE HILL MAINLINE NM RED HILLS PIPELIN @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	POSEIDON DONNIE HILL MAINLINE NM RED HILLS PIPELIN
Date Release Discovered	09/10/2024
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Midstream Scheduled Maintenance Pipeline (Any) Produced Water Released: 230 BBL Recovered: 30 BBL Lost: 200 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 418889

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
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QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 01/09/2025
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QUESTIONS, Page 3

Action 418889

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 418889
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	7300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	902
GRO+DRO (EPA SW-846 Method 8015M)	902
BTEX (EPA SW-846 Method 8021B or 8260B)	10.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/03/2025
On what date will (or did) the final sampling or liner inspection occur	03/17/2025
On what date will (or was) the remediation complete(d)	04/04/2025
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	17540
What is the estimated volume (in cubic yards) that will be remediated	3537
<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 418889

QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [JEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 01/09/2025
<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 418889

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 418889
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 418889

QUESTIONS (continued)

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	Action Number: 418889
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 418889

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 418889
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved. Submit remediation closure report to the OCD by 4/9/25.	1/9/2025