



209 W. McKay Street
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July 8, 2024

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

Re: Site Characterization and Remediation Work Plan
Pilot Water Solutions
Culebra Federal Com 1H
Unit A, Section 07, Township 23S, Range 29E
Site Coordinates: 32.3255463, -104.0307296
Eddy County, New Mexico
Incident ID: nAPP2225473915

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: nAPP2225473915 – Culebra Federal Com 1H (Site). The Site is in Unit Letter A, Section 07, of Township 23 South and Range 29 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.3255463° N latitude and 104.0307296° 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 11, 2022, and was due to corrosion on a pipeline. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately zero (0) barrels (bbls) of produced water of which none was recovered for an approximate net loss of zero (0) 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 medium 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).

Site Characterization	Average Groundwater Depth (ft)
Medium 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 June 27, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Five (5) vertical sample points (S-1 through S-5) were installed within the release area, while six (6) horizontal sample points (H-1 through H-6) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) foot (ft) intervals from depths ranging from zero (0) to four and a half (4.5) ft below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Eurofins Laboratories in Carlsbad, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (Method SW846 8021B), total petroleum hydrocarbon (TPH) (Method SW846 8015B), and chloride (method EPA 300.0). Analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits at various depths in the areas of S-3 to a depth of one and a half (1.5) ft bgs, S-1, S-4, and S-5 exceeding four and a half (4.5) ft bgs, and the areas of H-1 and H-2. All other samples were below NMOCD regulatory criteria.

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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 S-1, S-4, S-5, and H-1 to a depth of five and a half (5.5) ft bgs and the area of S-3 and H-2 to a depth of two (2) ft bgs to ensure that the impacted soil has been removed from the Site. Approximately 2,539 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 rep 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 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


Jillian Smiley
Staff Scientist - Botanist

Attachments:

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

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Culebra Federal Com 1H
Pilot Water Solutions
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Delineation Samples													
S-1	6/27/2024	0-5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	56.5	56.5	<49.8	56.5	2,700
	6/27/2024	1-1.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	1,050
	6/27/2024	2-2.5'	<0.00199	0.00476	<0.00199	<0.00398	0.00476	<50.0	<50.0	<50.0	<50.0	<50.0	672
	6/27/2024	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	784
	6/27/2024	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	774
S-2	6/27/2024	0-5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	308
	6/27/2024	1-1.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	108
	6/27/2024	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.6	<49.6	<49.6	<49.6	<49.6	57.6
	6/27/2024	3-3.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	137
	6/27/2024	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	124
S-3	6/27/2024	0-5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	330
	6/27/2024	1-1.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	696
	6/27/2024	2-2.5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	574
	6/27/2024	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	511
	6/27/2024	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	376
S-4	6/27/2024	0-5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	409
	6/27/2024	1-1.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	272
	6/27/2024	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	321
	6/27/2024	3-3.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	346
	6/27/2024	4-4.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	819
S-5	6/27/2024	0-5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	331
	6/27/2024	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	227
	6/27/2024	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	538
	6/27/2024	3-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	1,790
	6/27/2024	4-4.5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	885
Horizontal Delineation Samples													
H-1	6/27/2024	0-5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	7,780
H-2	6/27/2024	0-5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	2,380
H-3	6/27/2024	0-5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	339
H-4	6/27/2024	0-5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	537
H-5	6/27/2024	0-5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	354
H-6	6/27/2024	0-5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	252

Notes:

1. Values reported in mg/kg

2. < = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP-4

 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

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

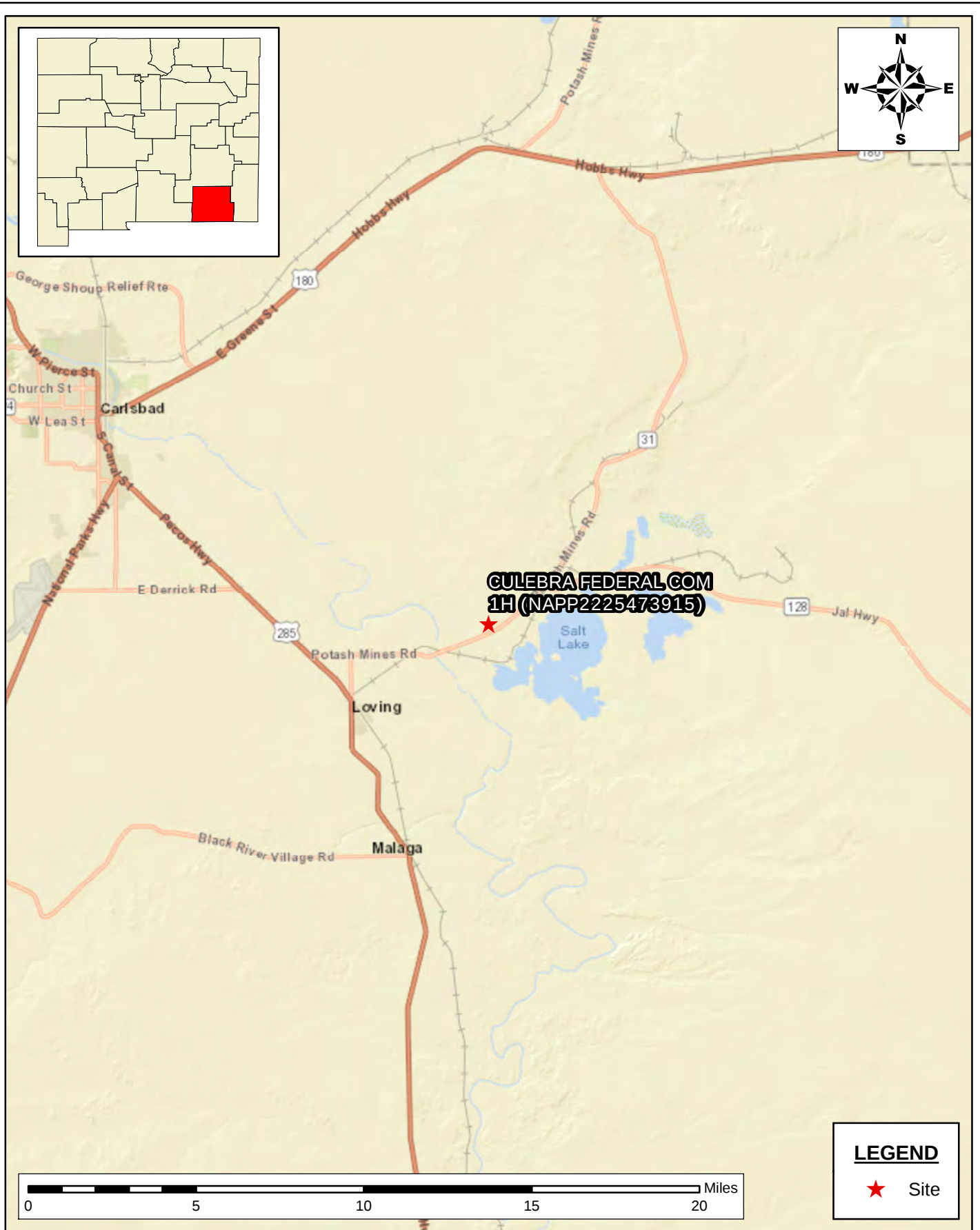
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

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

9. --- Not Analyzed

FIGURES

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SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
PILOT WATER SOLUTIONS
CULEBRA FEDERAL COM 1H
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 6/6/2024

PROJECT #:248765



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

NOTES:

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

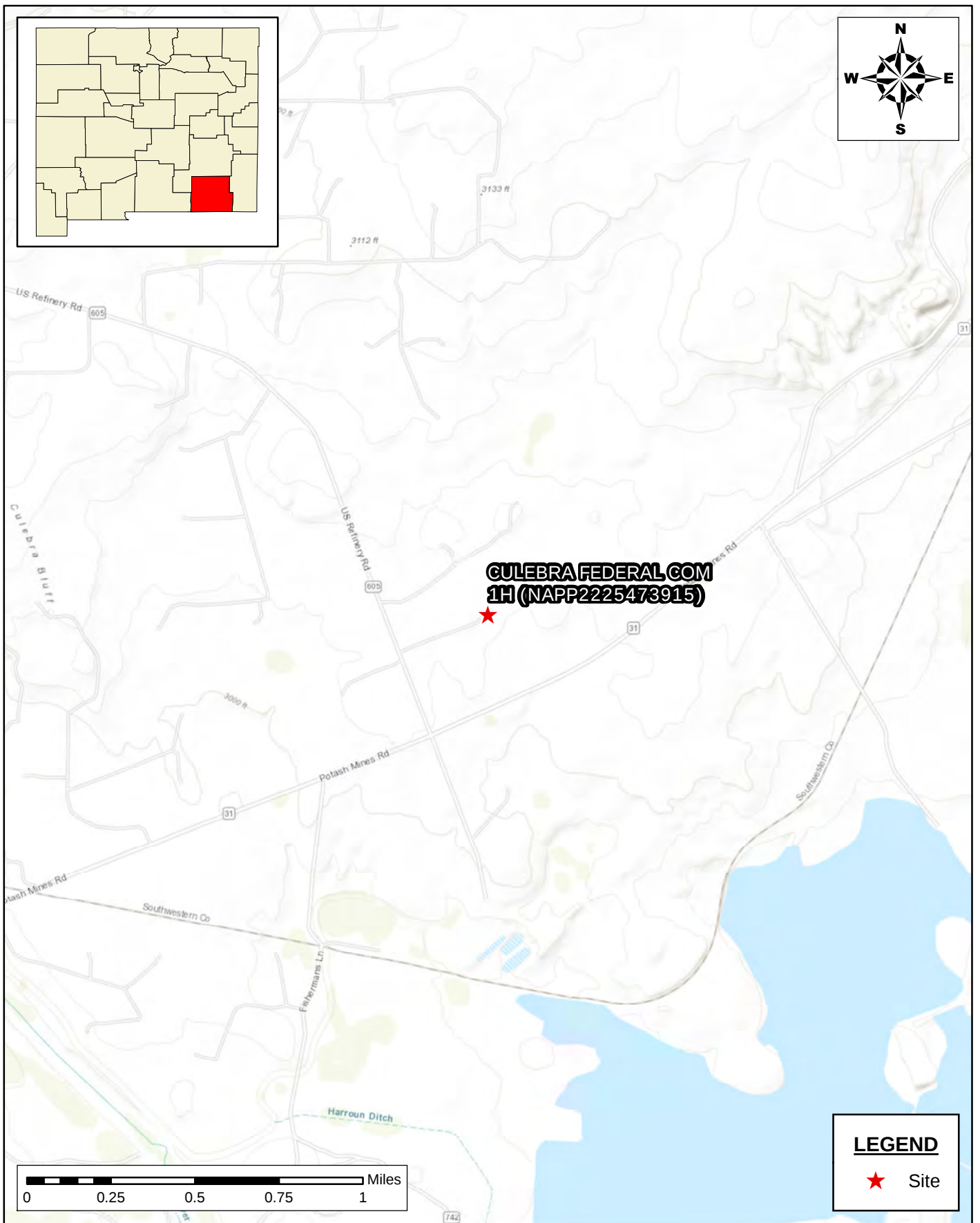
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FIGURE 1

SHEET NUMBER:

1 of 1

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**TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
PILOT WATER SOLUTIONS
CULEBRA FEDERAL COM 1H
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 6/6/2024 PROJECT #:248765



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NOTES:

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

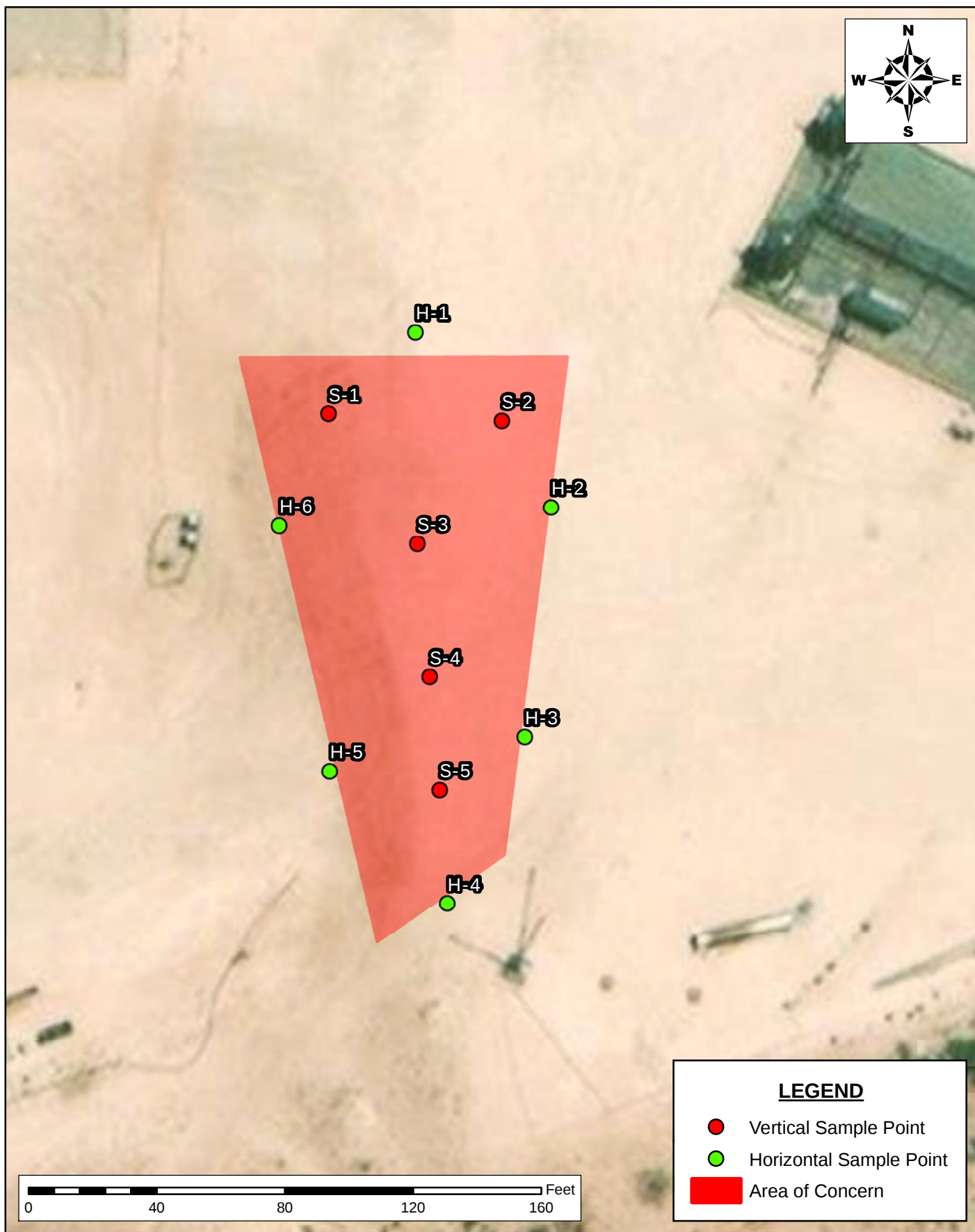
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FIGURE 2

SHEET NUMBER:

1 of 1

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DELINEATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
PILOT WATER SOLUTIONS
CULEBRA FEDERAL COM 1H
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 6/6/2024 PROJECT #:248765

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NOTES:

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

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Proposed Excavation Map

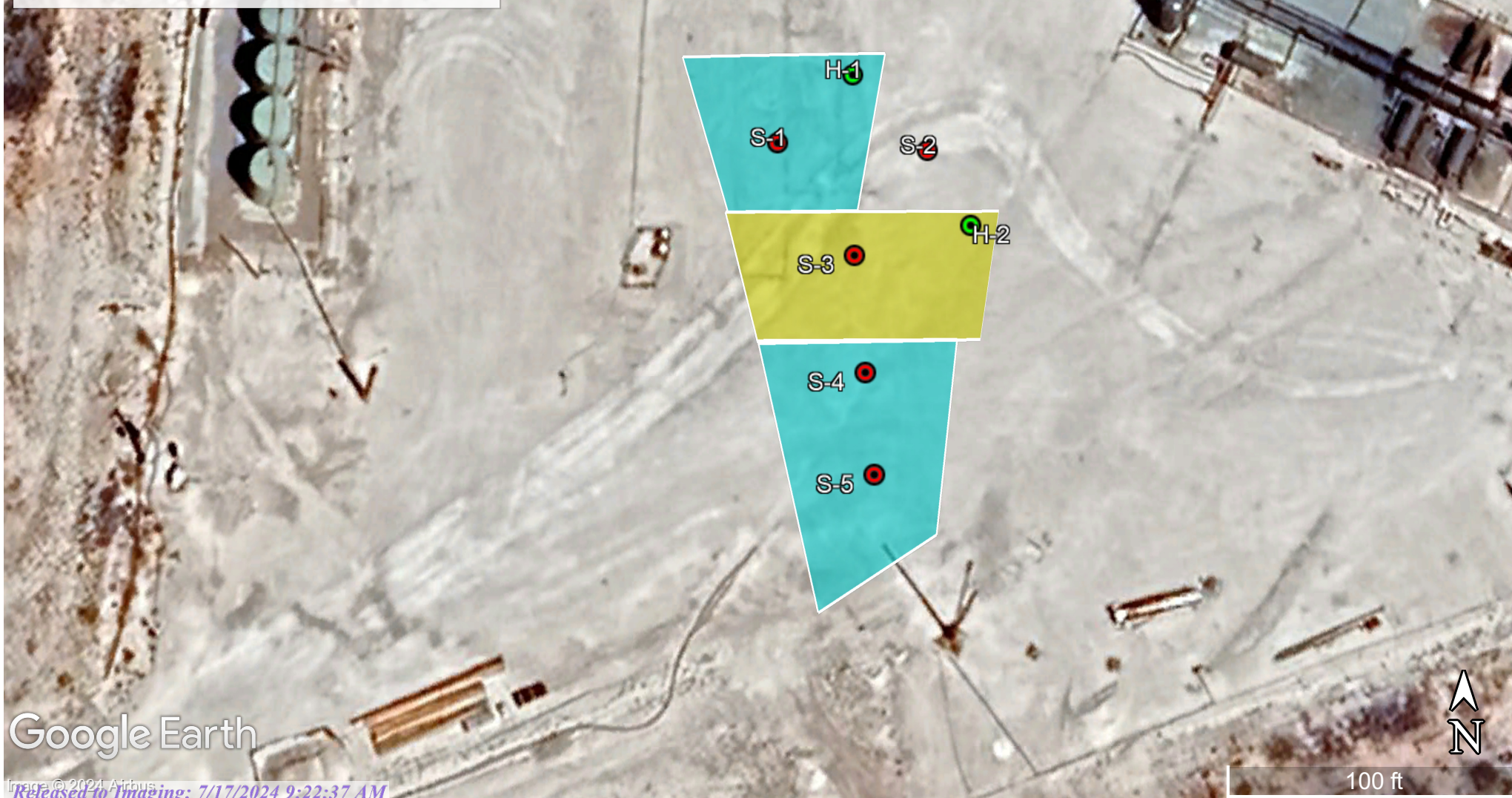
Culebra Federal Com 1H
Pilot Water Solutions
Eddy County, New Mexico
32.3255463, -104.0307296

Area of Teal: 8,091 sqft x 5.5 ft ~ 1,648 CY
Area of Yellow: 4,121 sqft x 2 ft ~ 305 CY
Total Excavation Area w/ 30% fluff ~ 2539.45

sqft = Square Feet
CY = Cubic Yards

Legend

-  2 ft Excavation
-  5.5 ft Excavation
-  Horizontal Delineation Sample
-  Vertical Delineation Sample



Google Earth

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Pilot Water Solutions

Culebra Federal Com 1H

Photograph No. 1**Facility:** Culebra Federal Com 1H**County:** Eddy County, New Mexico**Description:**
Area of concern**Photograph No. 2****Facility:** Culebra Federal Com 1H**County:** Eddy County, New Mexico**Description:**
Area of concern**Photograph No. 3****Facility:** Culebra Federal Com 1H**County:** Eddy County, New Mexico**Description:**
Area of concern

SITE CHARACTERIZATION DOCUMENTATION

NMOCD Closure Criteria

Culebra Federal Com 1H

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)	N/A	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 FIRMMette



104°2'9"W 32°19'47"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



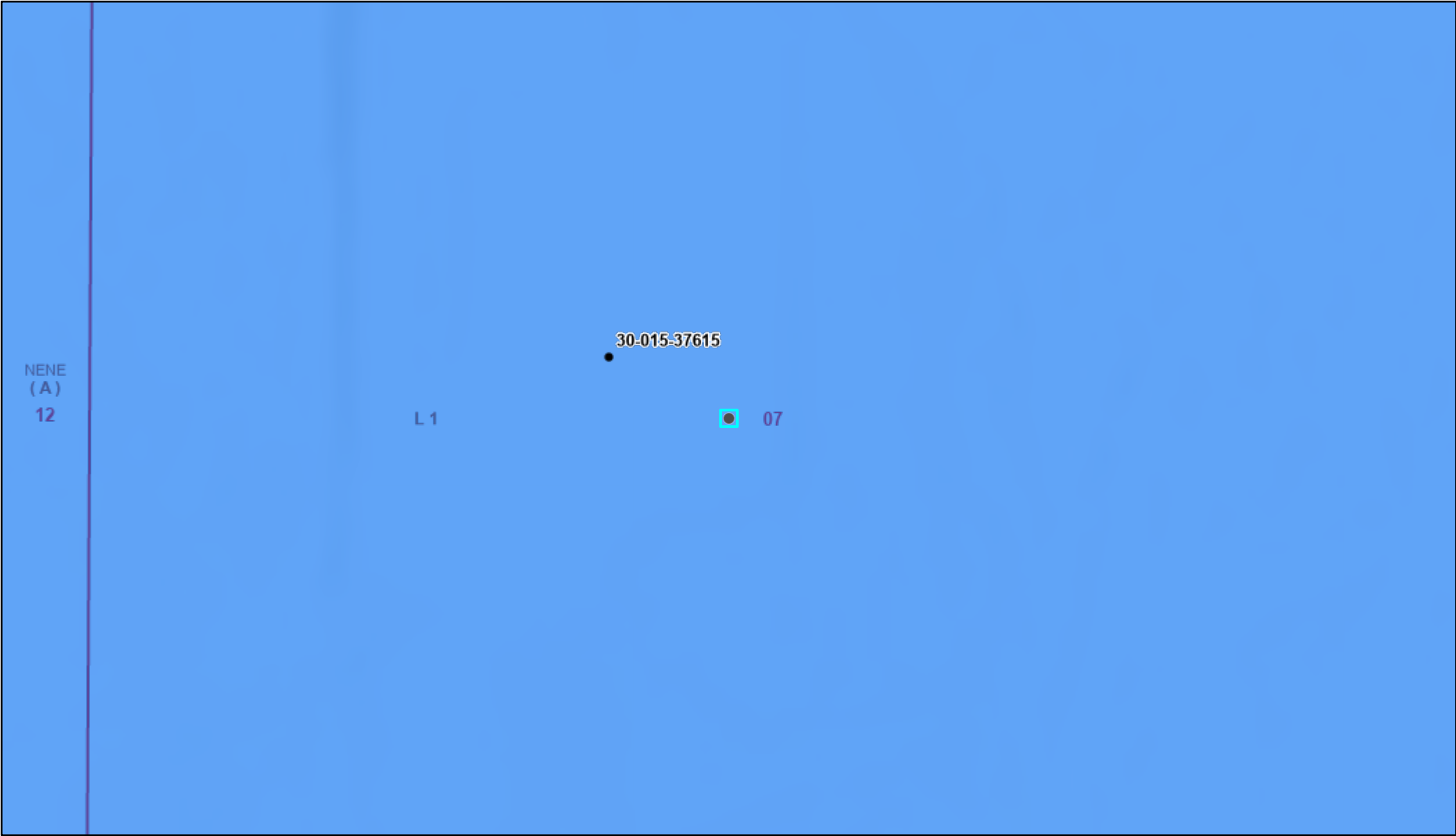
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/31/2024 at 2:14 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.

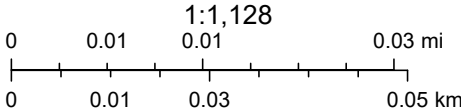
Karst Potential Map



5/31/2024, 1:24:16 PM

Wells - Large Scale Karst Occurrence Potential

- Oil, Active
- Medium
- PLSS Second Division
- PLSS First Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS

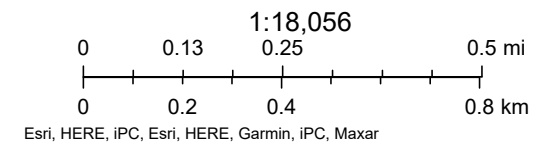
OSE POD Location Map



5/31/2024, 1:19:02 PM

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

- Water Right Regulations
- Artesian Planning Area
- New Mexico State Trust Lands
- Surface Estate
- Both Estates
- NHD Flowlines
- Stream River

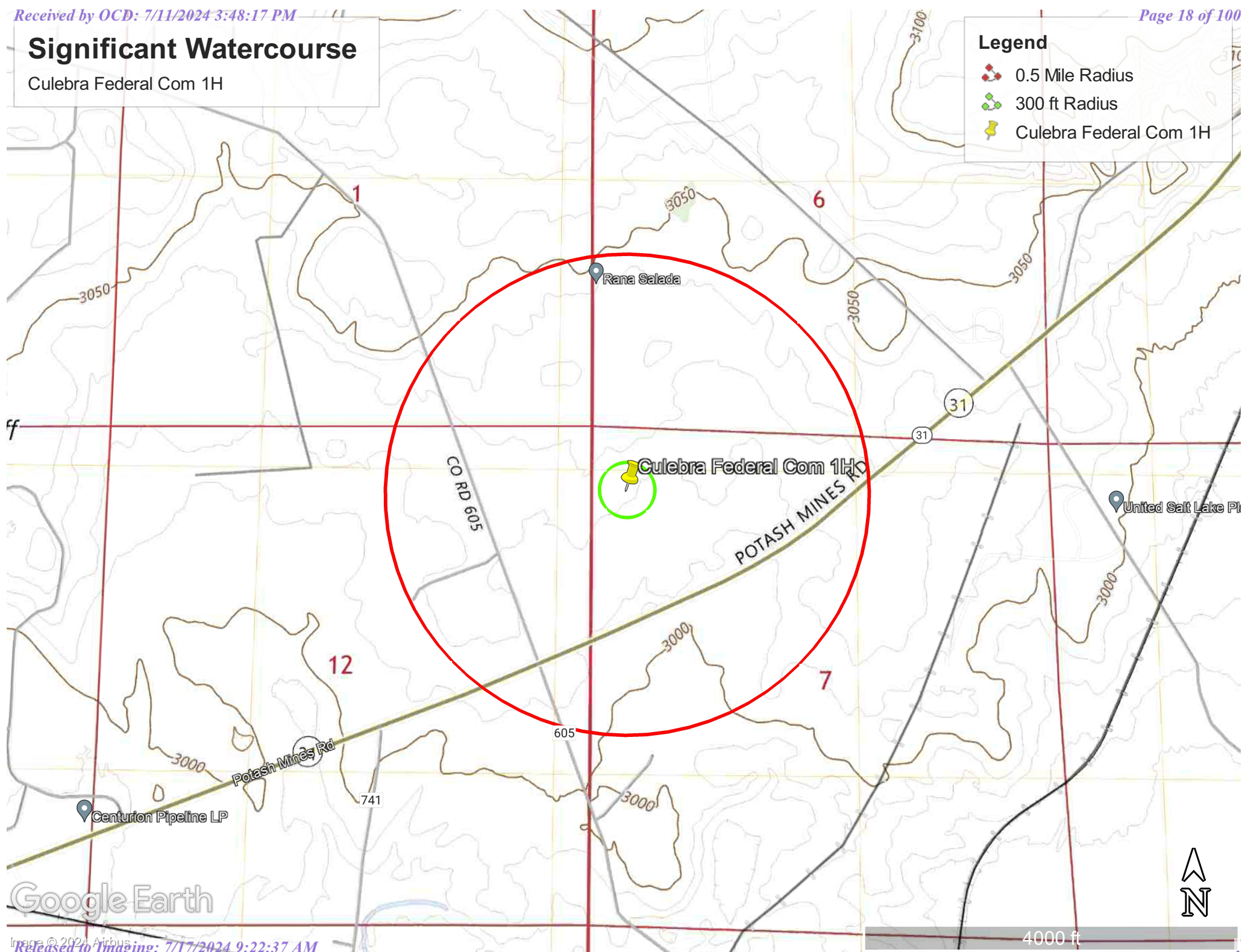


Significant Watercourse

Culebra Federal Com 1H

Legend

- 0.5 Mile Radius
- 300 ft Radius
- Culebra Federal Com 1H





Wetlands Map



May 31, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing

- 1
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- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2024 11:58:20 AM Revision 1

JOB DESCRIPTION

Culebra Federal Com 1H
248765

JOB NUMBER

890-6857-1

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



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

Generated
7/8/2024 11:58:20 AM
Revision 1

Client: NT Global
Project/Site: Culebra Federal Com 1H

Laboratory Job ID: 890-6857-1
SDG: 248765

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Definitions/Glossary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
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.
F2	MS/MSD RPD 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: Culebra Federal Com 1H

Job ID: 890-6857-1

Job ID: 890-6857-1

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Job Narrative 890-6857-1

REVISION

The report being provided is a revision of the original report sent on 7/5/2024. The report (revision 1) is being revised due to Per client email, requesting sample depths be added to report.

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 6/28/2024 9:16 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 2.2°C.

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-84451 recovered above the upper control limit for Ethylbenzene. 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 880-84451/64).

Method 8021B: The laboratory control sample (LCS) for preparation batch 880-84631 and analytical batch 880-84451 recovered outside control limits for the following analytes: Ethylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S - 3 (890-6857-15). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-84672/5-A). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84594 and analytical batch 880-84647 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S - 1 (890-6857-1), S - 1 (890-6857-2), (LCS 880-84594/2-A), (880-45368-A-83-C), (880-45368-A-83-D MS) and (880-45368-A-83-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-84594 and analytical batch 880-84647 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84594 and analytical batch 880-84647 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84650 and analytical batch

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Case Narrative

Client: NT Global
Project: Culebra Federal Com 1H

Job ID: 890-6857-1

Job ID: 890-6857-1 (Continued)

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880-84641 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S - 1 (890-6857-5), S - 2 (890-6857-8) and S - 3 (890-6857-11). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84650 and analytical batch 880-84641 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84651 and analytical batch 880-84643 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-84651 and analytical batch 880-84643 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84651 and analytical batch 880-84643 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-84771 and analytical batch 880-84834 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 880-84772 and analytical batch 880-84897 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: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 1

Lab Sample ID: 890-6857-1

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:37	06/29/24 19:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/29/24 19:56	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		06/29/24 13:37	06/29/24 19:56	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		06/29/24 13:37	06/29/24 19:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/29/24 19:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:37	06/29/24 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/29/24 13:37	06/29/24 19:56	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/29/24 13:37	06/29/24 19:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/24 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.5		49.8		mg/Kg			07/01/24 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	<49.8	U	49.8		mg/Kg		06/28/24 16:24	07/01/24 15:17	1
Diesel Range Organics (Over C10-C28)	56.5		49.8		mg/Kg		06/28/24 16:24	07/01/24 15:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 16:24	07/01/24 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	169	S1+	70 - 130	06/28/24 16:24	07/01/24 15:17	1
o-Terphenyl	180	S1+	70 - 130	06/28/24 16:24	07/01/24 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700	F1	25.2		mg/Kg			07/03/24 20:18	5

Client Sample ID: S - 1

Lab Sample ID: 890-6857-2

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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		06/29/24 13:37	06/29/24 20:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 20:17	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		06/29/24 13:37	06/29/24 20:17	1
m-Xylene & p-Xylene	<0.00397	U *	0.00397		mg/Kg		06/29/24 13:37	06/29/24 20:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 20:17	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:37	06/29/24 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	06/29/24 13:37	06/29/24 20:17	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 1

Lab Sample ID: 890-6857-2

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	86		70 - 130	06/29/24 13:37	06/29/24 20:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/29/24 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/01/24 16:04	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	<50.0	U	50.0		mg/Kg		06/28/24 16:24	07/01/24 16:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 16:24	07/01/24 16:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 16:24	07/01/24 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				06/28/24 16:24	07/01/24 16:04	1
o-Terphenyl	146	S1+	70 - 130				06/28/24 16:24	07/01/24 16:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		5.05		mg/Kg			07/03/24 20:34	1

Client Sample ID: S - 1

Lab Sample ID: 890-6857-3

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

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		06/29/24 13:37	06/29/24 20:37	1
Toluene	0.00476		0.00199		mg/Kg		06/29/24 13:37	06/29/24 20:37	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		06/29/24 13:37	06/29/24 20:37	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		06/29/24 13:37	06/29/24 20:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/29/24 20:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:37	06/29/24 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	06/29/24 13:37	06/29/24 20:37	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/29/24 13:37	06/29/24 20:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00476		0.00398		mg/Kg			06/29/24 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/01/24 12:41	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 1

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

Lab Sample ID: 890-6857-3

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	50.0		mg/Kg		07/01/24 08:31	07/01/24 12:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 12:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				07/01/24 08:31	07/01/24 12:41	1
o-Terphenyl	128		70 - 130				07/01/24 08:31	07/01/24 12:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	672		4.98		mg/Kg			07/03/24 20:39	1

Client Sample ID: S - 1

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-4

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		06/29/24 13:37	06/29/24 20:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:37	06/29/24 20:58	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		06/29/24 13:37	06/29/24 20:58	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		06/29/24 13:37	06/29/24 20:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:37	06/29/24 20:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/24 13:37	06/29/24 20:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				06/29/24 13:37	06/29/24 20:58	1
1,4-Difluorobenzene (Surr)	83		70 - 130				06/29/24 13:37	06/29/24 20:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/29/24 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/01/24 13:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 13:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 13:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				07/01/24 08:31	07/01/24 13:02	1
o-Terphenyl	124		70 - 130				07/01/24 08:31	07/01/24 13:02	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 1
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16
Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	784		5.02		mg/Kg	-		07/03/24 20:44	1

Client Sample ID: S - 1
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16
Sample Depth: 4 - 4.5'

Lab Sample ID: 890-6857-5
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	-	06/29/24 13:37	06/29/24 21:19	1
Toluene	<0.00201	U	0.00201		mg/Kg	-	06/29/24 13:37	06/29/24 21:19	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg	-	06/29/24 13:37	06/29/24 21:19	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg	-	06/29/24 13:37	06/29/24 21:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg	-	06/29/24 13:37	06/29/24 21:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg	-	06/29/24 13:37	06/29/24 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				06/29/24 13:37	06/29/24 21:19	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/29/24 13:37	06/29/24 21:19	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	-		06/29/24 21:19	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	-		07/01/24 13:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg	-	07/01/24 08:31	07/01/24 13:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg	-	07/01/24 08:31	07/01/24 13:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg	-	07/01/24 08:31	07/01/24 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				07/01/24 08:31	07/01/24 13:22	1
o-Terphenyl	138	S1+	70 - 130				07/01/24 08:31	07/01/24 13:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	774		4.97		mg/Kg	-		07/03/24 20:50	1

Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 2

Lab Sample ID: 890-6857-6

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:37	06/29/24 21:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:37	06/29/24 21:39	1
Ethylbenzene	<0.00202	U **	0.00202		mg/Kg		06/29/24 13:37	06/29/24 21:39	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		06/29/24 13:37	06/29/24 21:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:37	06/29/24 21:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/29/24 13:37	06/29/24 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	06/29/24 13:37	06/29/24 21:39	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/29/24 13:37	06/29/24 21:39	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			06/29/24 21:39	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			07/01/24 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 13:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 13:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	07/01/24 08:31	07/01/24 13:43	1
o-Terphenyl	123		70 - 130	07/01/24 08:31	07/01/24 13:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		4.99		mg/Kg			07/03/24 21:05	1

Client Sample ID: S - 2

Lab Sample ID: 890-6857-7

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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		06/29/24 13:37	06/29/24 22:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 22:00	1
Ethylbenzene	<0.00198	U **	0.00198		mg/Kg		06/29/24 13:37	06/29/24 22:00	1
m-Xylene & p-Xylene	<0.00397	U **	0.00397		mg/Kg		06/29/24 13:37	06/29/24 22:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 22:00	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:37	06/29/24 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/29/24 13:37	06/29/24 22:00	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 2

Lab Sample ID: 890-6857-7

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	81		70 - 130	06/29/24 13:37	06/29/24 22:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/29/24 22:00	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			07/01/24 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 14:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				07/01/24 08:31	07/01/24 14:03	1
o-Terphenyl	119		70 - 130				07/01/24 08:31	07/01/24 14:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.00		mg/Kg			07/03/24 21:11	1

Client Sample ID: S - 2

Lab Sample ID: 890-6857-8

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

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		06/29/24 13:37	06/29/24 22:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/29/24 22:20	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		06/29/24 13:37	06/29/24 22:20	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		06/29/24 13:37	06/29/24 22:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/29/24 22:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:37	06/29/24 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	06/29/24 13:37	06/29/24 22:20	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/29/24 13:37	06/29/24 22:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/24 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			07/01/24 14:23	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16
Sample Depth: 2 - 2.5'

Lab Sample ID: 890-6857-8
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	<49.6	U	49.6		mg/Kg	-	07/01/24 08:31	07/01/24 14:23	1	
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg	-	07/01/24 08:31	07/01/24 14:23	1	
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg	-	07/01/24 08:31	07/01/24 14:23	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	136	S1+	70 - 130				07/01/24 08:31	07/01/24 14:23	1	
o-Terphenyl	139	S1+	70 - 130				07/01/24 08:31	07/01/24 14:23	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	57.6		5.05		mg/Kg	-		07/03/24 21:16	1	

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16
Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg	-	06/29/24 13:37	06/29/24 22:41	1	
Toluene	<0.00198	U	0.00198		mg/Kg	-	06/29/24 13:37	06/29/24 22:41	1	
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg	-	06/29/24 13:37	06/29/24 22:41	1	
m-Xylene & p-Xylene	<0.00396	U *	0.00396		mg/Kg	-	06/29/24 13:37	06/29/24 22:41	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg	-	06/29/24 13:37	06/29/24 22:41	1	
Xylenes, Total	<0.00396	U	0.00396		mg/Kg	-	06/29/24 13:37	06/29/24 22:41	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	93		70 - 130				06/29/24 13:37	06/29/24 22:41	1	
1,4-Difluorobenzene (Surr)	84		70 - 130				06/29/24 13:37	06/29/24 22:41	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00396	U	0.00396		mg/Kg	-		06/29/24 22:41	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg	-		07/01/24 14:44	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg	-	07/01/24 08:31	07/01/24 14:44	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg	-	07/01/24 08:31	07/01/24 14:44	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg	-	07/01/24 08:31	07/01/24 14:44	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	111		70 - 130				07/01/24 08:31	07/01/24 14:44	1	
o-Terphenyl	130		70 - 130				07/01/24 08:31	07/01/24 14:44	1	

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 2

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-9

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.02		mg/Kg			07/03/24 21:21	1

Client Sample ID: S - 2

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 4 - 4.5'

Lab Sample ID: 890-6857-10

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		06/29/24 13:37	06/29/24 23:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:37	06/29/24 23:02	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		06/29/24 13:37	06/29/24 23:02	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		06/29/24 13:37	06/29/24 23:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:37	06/29/24 23:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/24 13:37	06/29/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				06/29/24 13:37	06/29/24 23:02	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/29/24 13:37	06/29/24 23:02	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			06/29/24 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/01/24 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/01/24 08:31	07/01/24 15:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/01/24 08:31	07/01/24 15:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/01/24 08:31	07/01/24 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				07/01/24 08:31	07/01/24 15:04	1
o-Terphenyl	121		70 - 130				07/01/24 08:31	07/01/24 15:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.01		mg/Kg			07/03/24 21:26	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 3

Lab Sample ID: 890-6857-11

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:37	06/30/24 00:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:37	06/30/24 00:26	1
Ethylbenzene	<0.00202	U **	0.00202		mg/Kg		06/29/24 13:37	06/30/24 00:26	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		06/29/24 13:37	06/30/24 00:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:37	06/30/24 00:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/29/24 13:37	06/30/24 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	06/29/24 13:37	06/30/24 00:26	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/29/24 13:37	06/30/24 00:26	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			06/30/24 00:26	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			07/01/24 11:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 11:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		07/01/24 08:31	07/01/24 11:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	07/01/24 08:31	07/01/24 11:40	1
o-Terphenyl	135	S1+	70 - 130	07/01/24 08:31	07/01/24 11:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		5.04		mg/Kg			07/03/24 21:31	1

Client Sample ID: S - 3

Lab Sample ID: 890-6857-12

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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		06/29/24 13:37	06/30/24 00:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:37	06/30/24 00:47	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		06/29/24 13:37	06/30/24 00:47	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		06/29/24 13:37	06/30/24 00:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:37	06/30/24 00:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/24 13:37	06/30/24 00:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/29/24 13:37	06/30/24 00:47	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 3

Lab Sample ID: 890-6857-12

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	79		70 - 130	06/29/24 13:37	06/30/24 00:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/30/24 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/01/24 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 15:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 15:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				07/01/24 08:31	07/01/24 15:25	1
o-Terphenyl	120		70 - 130				07/01/24 08:31	07/01/24 15:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	696		5.04		mg/Kg			07/03/24 21:47	1

Client Sample ID: S - 3

Lab Sample ID: 890-6857-13

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

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		06/29/24 13:37	06/30/24 01:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:37	06/30/24 01:07	1
Ethylbenzene	<0.00202	U **	0.00202		mg/Kg		06/29/24 13:37	06/30/24 01:07	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		06/29/24 13:37	06/30/24 01:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:37	06/30/24 01:07	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/29/24 13:37	06/30/24 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	06/29/24 13:37	06/30/24 01:07	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/29/24 13:37	06/30/24 01:07	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			06/30/24 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/01/24 16:06	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 3

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

Lab Sample ID: 890-6857-13

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	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 16:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 16:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				07/01/24 08:31	07/01/24 16:06	1
o-Terphenyl	116		70 - 130				07/01/24 08:31	07/01/24 16:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	574		5.02		mg/Kg			07/03/24 21:52	1

Client Sample ID: S - 3

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-14

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		06/29/24 13:37	06/30/24 01:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/30/24 01:28	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		06/29/24 13:37	06/30/24 01:28	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		06/29/24 13:37	06/30/24 01:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/30/24 01:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:37	06/30/24 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				06/29/24 13:37	06/30/24 01:28	1
1,4-Difluorobenzene (Surr)	81		70 - 130				06/29/24 13:37	06/30/24 01:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/30/24 01:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/01/24 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				07/01/24 08:31	07/01/24 16:26	1
o-Terphenyl	125		70 - 130				07/01/24 08:31	07/01/24 16:26	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16
Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-14
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	511		4.99		mg/Kg			07/03/24 22:08	1

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16
Sample Depth: 4 - 4.5'

Lab Sample ID: 890-6857-15
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		06/29/24 13:37	06/30/24 01:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:37	06/30/24 01:48	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		06/29/24 13:37	06/30/24 01:48	1
m-Xylene & p-Xylene	<0.00400	U **	0.00400		mg/Kg		06/29/24 13:37	06/30/24 01:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:37	06/30/24 01:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/29/24 13:37	06/30/24 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				06/29/24 13:37	06/30/24 01:48	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/29/24 13:37	06/30/24 01:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/30/24 01:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/01/24 16:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 16:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 16:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				07/01/24 08:31	07/01/24 16:47	1
o-Terphenyl	125		70 - 130				07/01/24 08:31	07/01/24 16:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	376		4.97		mg/Kg			07/03/24 22:13	1

Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 4

Lab Sample ID: 890-6857-16

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:37	06/30/24 02:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/30/24 02:09	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		06/29/24 13:37	06/30/24 02:09	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		06/29/24 13:37	06/30/24 02:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:37	06/30/24 02:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:37	06/30/24 02:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				06/29/24 13:37	06/30/24 02:09	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/29/24 13:37	06/30/24 02:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/30/24 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/01/24 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/01/24 08:31	07/01/24 17:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/01/24 08:31	07/01/24 17:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/01/24 08:31	07/01/24 17:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				07/01/24 08:31	07/01/24 17:08	1
o-Terphenyl	119		70 - 130				07/01/24 08:31	07/01/24 17:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	409		4.96		mg/Kg			07/03/24 22:19	1

Client Sample ID: S - 4

Lab Sample ID: 890-6857-17

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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		06/29/24 13:37	06/30/24 02:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/30/24 02:29	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		06/29/24 13:37	06/30/24 02:29	1
m-Xylene & p-Xylene	<0.00396	U *	0.00396		mg/Kg		06/29/24 13:37	06/30/24 02:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/30/24 02:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/29/24 13:37	06/30/24 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/29/24 13:37	06/30/24 02:29	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 4

Lab Sample ID: 890-6857-17

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	82		70 - 130	06/29/24 13:37	06/30/24 02:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/30/24 02:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/01/24 17:28	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		07/01/24 08:31	07/01/24 17:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 17:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				07/01/24 08:31	07/01/24 17:28	1
o-Terphenyl	124		70 - 130				07/01/24 08:31	07/01/24 17:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	272		4.98		mg/Kg			07/03/24 22:24	1

Client Sample ID: S - 4

Lab Sample ID: 890-6857-18

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

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		06/29/24 13:37	06/30/24 02:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:37	06/30/24 02:50	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		06/29/24 13:37	06/30/24 02:50	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		06/29/24 13:37	06/30/24 02:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:37	06/30/24 02:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/24 13:37	06/30/24 02:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/29/24 13:37	06/30/24 02:50	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/29/24 13:37	06/30/24 02:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/30/24 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/01/24 17:49	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 4

Lab Sample ID: 890-6857-18

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

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	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 17:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 17:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				07/01/24 08:31	07/01/24 17:49	1
o-Terphenyl	121		70 - 130				07/01/24 08:31	07/01/24 17:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	321		5.00		mg/Kg			07/03/24 22:29	1

Client Sample ID: S - 4

Lab Sample ID: 890-6857-19

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 3 - 3.5'

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		06/29/24 13:37	06/30/24 03:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/30/24 03:10	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		06/29/24 13:37	06/30/24 03:10	1
m-Xylene & p-Xylene	<0.00397	U *	0.00397		mg/Kg		06/29/24 13:37	06/30/24 03:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/30/24 03:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:37	06/30/24 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/29/24 13:37	06/30/24 03:10	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/29/24 13:37	06/30/24 03:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/30/24 03:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/01/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 18:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/24 08:31	07/01/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				07/01/24 08:31	07/01/24 18:09	1
o-Terphenyl	108		70 - 130				07/01/24 08:31	07/01/24 18:09	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 4

Lab Sample ID: 890-6857-19

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 3 - 3.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	346		5.02		mg/Kg			07/03/24 22:34	1

Client Sample ID: S - 4

Lab Sample ID: 890-6857-20

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 4 - 4.5'

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		06/29/24 13:37	06/30/24 03:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/30/24 03:31	1
Ethylbenzene	<0.00198	U **	0.00198		mg/Kg		06/29/24 13:37	06/30/24 03:31	1
m-Xylene & p-Xylene	<0.00397	U **	0.00397		mg/Kg		06/29/24 13:37	06/30/24 03:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/30/24 03:31	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:37	06/30/24 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				06/29/24 13:37	06/30/24 03:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/29/24 13:37	06/30/24 03:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/30/24 03:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/01/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 18:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 18:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				07/01/24 08:31	07/01/24 18:30	1
o-Terphenyl	121		70 - 130				07/01/24 08:31	07/01/24 18:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	819		4.96		mg/Kg			07/03/24 22:39	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 5

Lab Sample ID: 890-6857-21

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:54	07/01/24 12:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 12:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 12:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/24 13:54	07/01/24 12:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 12:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:54	07/01/24 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/29/24 13:54	07/01/24 12:52	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/29/24 13:54	07/01/24 12:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/01/24 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/01/24 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	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 18:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 18:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:31	07/01/24 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	07/01/24 08:31	07/01/24 18:50	1
o-Terphenyl	102		70 - 130	07/01/24 08:31	07/01/24 18:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331	F1 F2	4.96		mg/Kg			07/03/24 17:24	1

Client Sample ID: S - 5

Lab Sample ID: 890-6857-22

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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		06/29/24 13:54	07/01/24 13:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:54	07/01/24 13:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:54	07/01/24 13:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/29/24 13:54	07/01/24 13:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:54	07/01/24 13:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:54	07/01/24 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/29/24 13:54	07/01/24 13:13	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 5

Lab Sample ID: 890-6857-22

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 1 - 1.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	06/29/24 13:54	07/01/24 13:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/01/24 13:13	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			07/01/24 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 19:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:31	07/01/24 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				07/01/24 08:31	07/01/24 19:11	1
o-Terphenyl	114		70 - 130				07/01/24 08:31	07/01/24 19:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		4.98		mg/Kg			07/03/24 17:48	1

Client Sample ID: S - 5

Lab Sample ID: 890-6857-23

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

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		06/29/24 13:54	07/01/24 13:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:54	07/01/24 13:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:54	07/01/24 13:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/29/24 13:54	07/01/24 13:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/24 13:54	07/01/24 13:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/24 13:54	07/01/24 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/29/24 13:54	07/01/24 13:33	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/29/24 13:54	07/01/24 13:33	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			07/01/24 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/01/24 11:40	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 5

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 2 - 2.5'

Lab Sample ID: 890-6857-23

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	<49.9	U *1	49.9		mg/Kg		07/01/24 08:34	07/01/24 11:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	49.9		mg/Kg		07/01/24 08:34	07/01/24 11:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/24 08:34	07/01/24 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/01/24 08:34	07/01/24 11:40	1
o-Terphenyl	112		70 - 130				07/01/24 08:34	07/01/24 11:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	538		4.97		mg/Kg			07/03/24 17:55	1

Client Sample ID: S - 5

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-24

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		06/29/24 13:54	07/01/24 13:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:54	07/01/24 13:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:54	07/01/24 13:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/24 13:54	07/01/24 13:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:54	07/01/24 13:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/24 13:54	07/01/24 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/29/24 13:54	07/01/24 13:53	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/29/24 13:54	07/01/24 13:53	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			07/01/24 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/01/24 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/01/24 08:34	07/01/24 12:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/01/24 08:34	07/01/24 12:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:34	07/01/24 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/01/24 08:34	07/01/24 12:41	1
o-Terphenyl	109		70 - 130				07/01/24 08:34	07/01/24 12:41	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 5

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6857-24

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		24.8		mg/Kg			07/03/24 18:01	5

Client Sample ID: S - 5

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Sample Depth: 4 - 4.5'

Lab Sample ID: 890-6857-25

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		06/29/24 13:54	07/01/24 14:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:54	07/01/24 14:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:54	07/01/24 14:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/29/24 13:54	07/01/24 14:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/29/24 13:54	07/01/24 14:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/29/24 13:54	07/01/24 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/29/24 13:54	07/01/24 14:14	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/29/24 13:54	07/01/24 14:14	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			07/01/24 14:14	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			07/01/24 13:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/01/24 08:34	07/01/24 13:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		07/01/24 08:34	07/01/24 13:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:34	07/01/24 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/01/24 08:34	07/01/24 13:02	1
o-Terphenyl	94		70 - 130				07/01/24 08:34	07/01/24 13:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	885		4.98		mg/Kg			07/03/24 18:07	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: H - 1

Lab Sample ID: 890-6857-31

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:54	07/01/24 14:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 14:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 14:34	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/24 13:54	07/01/24 14:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 14:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:54	07/01/24 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/29/24 13:54	07/01/24 14:34	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/29/24 13:54	07/01/24 14:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/01/24 14:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/01/24 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/01/24 08:34	07/01/24 13:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		07/01/24 08:34	07/01/24 13:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/24 08:34	07/01/24 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	07/01/24 08:34	07/01/24 13:22	1
o-Terphenyl	114		70 - 130	07/01/24 08:34	07/01/24 13:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7780		50.2		mg/Kg			07/03/24 18:31	10

Client Sample ID: H - 2

Lab Sample ID: 890-6857-32

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:54	07/01/24 14:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:54	07/01/24 14:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:54	07/01/24 14:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/29/24 13:54	07/01/24 14:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:54	07/01/24 14:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:54	07/01/24 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/29/24 13:54	07/01/24 14:55	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: H - 2

Lab Sample ID: 890-6857-32

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	89		70 - 130	06/29/24 13:54	07/01/24 14:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/01/24 14:55	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			07/01/24 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/01/24 08:34	07/01/24 13:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		07/01/24 08:34	07/01/24 13:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:34	07/01/24 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/01/24 08:34	07/01/24 13:43	1
o-Terphenyl	105		70 - 130				07/01/24 08:34	07/01/24 13:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2380		24.9		mg/Kg			07/03/24 18:37	5

Client Sample ID: H - 3

Lab Sample ID: 890-6857-33

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:54	07/01/24 15:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 15:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 15:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/29/24 13:54	07/01/24 15:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 15:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/29/24 13:54	07/01/24 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/29/24 13:54	07/01/24 15:15	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/29/24 13:54	07/01/24 15:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/01/24 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	<49.7	U	49.7		mg/Kg			07/01/24 14:03	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: H - 3

Lab Sample ID: 890-6857-33

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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	<49.7	U *1	49.7		mg/Kg		07/01/24 08:34	07/01/24 14:03	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		07/01/24 08:34	07/01/24 14:03	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/01/24 08:34	07/01/24 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				07/01/24 08:34	07/01/24 14:03	1
o-Terphenyl	125		70 - 130				07/01/24 08:34	07/01/24 14:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	339		5.03		mg/Kg			07/03/24 18:43	1

Client Sample ID: H - 4

Lab Sample ID: 890-6857-34

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		06/29/24 13:54	07/01/24 16:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:54	07/01/24 16:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:54	07/01/24 16:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/24 13:54	07/01/24 16:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:54	07/01/24 16:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/24 13:54	07/01/24 16:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/29/24 13:54	07/01/24 16:49	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/29/24 13:54	07/01/24 16:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/01/24 16:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/01/24 14:23	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		07/01/24 08:34	07/01/24 14:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/01/24 08:34	07/01/24 14:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/24 08:34	07/01/24 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/01/24 08:34	07/01/24 14:23	1
o-Terphenyl	103		70 - 130				07/01/24 08:34	07/01/24 14:23	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: H - 4

Lab Sample ID: 890-6857-34

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	537		5.02		mg/Kg			07/03/24 18:49	1

Client Sample ID: H - 5

Lab Sample ID: 890-6857-35

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		07/01/24 10:06	07/01/24 18:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/01/24 10:06	07/01/24 18:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/01/24 10:06	07/01/24 18:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/01/24 10:06	07/01/24 18:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/01/24 10:06	07/01/24 18:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/01/24 10:06	07/01/24 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				07/01/24 10:06	07/01/24 18:05	1
1,4-Difluorobenzene (Surr)	86		70 - 130				07/01/24 10:06	07/01/24 18:05	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			07/01/24 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/01/24 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/01/24 08:34	07/01/24 14:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		07/01/24 08:34	07/01/24 14:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:34	07/01/24 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				07/01/24 08:34	07/01/24 14:44	1
o-Terphenyl	107		70 - 130				07/01/24 08:34	07/01/24 14:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	354		5.03		mg/Kg			07/03/24 18:55	1

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Client Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: H - 6

Lab Sample ID: 890-6857-36

Date Collected: 06/27/24 00:00

Matrix: Solid

Date Received: 06/28/24 09:16

Sample Depth: 0 - 0.5'

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		07/01/24 10:06	07/01/24 18:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/01/24 10:06	07/01/24 18:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/01/24 10:06	07/01/24 18:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/01/24 10:06	07/01/24 18:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/01/24 10:06	07/01/24 18:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/01/24 10:06	07/01/24 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				07/01/24 10:06	07/01/24 18:25	1
1,4-Difluorobenzene (Surr)	85		70 - 130				07/01/24 10:06	07/01/24 18:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/01/24 18:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			07/01/24 15:04	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	<49.6	U *1	49.6		mg/Kg		07/01/24 08:34	07/01/24 15:04	1
Diesel Range Organics (Over C10-C28)	<49.6	U *1	49.6		mg/Kg		07/01/24 08:34	07/01/24 15:04	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/01/24 08:34	07/01/24 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				07/01/24 08:34	07/01/24 15:04	1
o-Terphenyl	108		70 - 130				07/01/24 08:34	07/01/24 15:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	252	F1 F2	5.05		mg/Kg			07/03/24 19:01	1

Surrogate Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Method: 8021B - Volatile Organic Compounds (GC)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-6856-A-1-C MS	Matrix Spike	103	93
890-6856-A-1-D MSD	Matrix Spike Duplicate	100	91
890-6857-1	S - 1	96	89
890-6857-1 MS	S - 1	105	105
890-6857-1 MSD	S - 1	114	108
890-6857-2	S - 1	86	86
890-6857-3	S - 1	87	84
890-6857-4	S - 1	77	83
890-6857-5	S - 1	70	88
890-6857-6	S - 2	79	88
890-6857-7	S - 2	96	81
890-6857-8	S - 2	85	85
890-6857-9	S - 2	93	84
890-6857-10	S - 2	92	86
890-6857-11	S - 3	88	89
890-6857-12	S - 3	90	79
890-6857-13	S - 3	89	89
890-6857-14	S - 3	92	81
890-6857-15	S - 3	69 S1-	91
890-6857-16	S - 4	91	87
890-6857-17	S - 4	95	82
890-6857-18	S - 4	91	85
890-6857-19	S - 4	105	90
890-6857-20	S - 4	92	88
890-6857-21	S - 5	107	90
890-6857-22	S - 5	107	89
890-6857-23	S - 5	108	90
890-6857-24	S - 5	108	90
890-6857-25	S - 5	107	90
890-6857-31	H - 1	107	90
890-6857-32	H - 2	107	89
890-6857-33	H - 3	110	90
890-6857-34	H - 4	105	88
890-6857-35	H - 5	83	86
890-6857-35 MS	H - 5	108	100
890-6857-35 MSD	H - 5	111	113
890-6857-36	H - 6	96	85
LCS 880-84631/1-A	Lab Control Sample	117	107
LCS 880-84633/1-A	Lab Control Sample	105	93
LCS 880-84672/1-A	Lab Control Sample	113	107
LCSD 880-84631/2-A	Lab Control Sample Dup	116	105
LCSD 880-84633/2-A	Lab Control Sample Dup	103	93
LCSD 880-84672/2-A	Lab Control Sample Dup	99	101
MB 880-84489/5-A	Method Blank	74	93
MB 880-84631/5-A	Method Blank	72	92
MB 880-84633/5-A	Method Blank	105	85
MB 880-84672/5-A	Method Blank	67 S1-	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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Surrogate Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H
DFBZ = 1,4-Difluorobenzene (Surr)

Job ID: 890-6857-1
SDG: 248765

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	OTPH1
		(70-130)	(70-130)
880-45368-A-83-D MS	Matrix Spike	141 S1+	151 S1+
880-45368-A-83-E MSD	Matrix Spike Duplicate	136 S1+	143 S1+
890-6857-1	S - 1	169 S1+	180 S1+
890-6857-2	S - 1	124	146 S1+
890-6857-3	S - 1	115	128
890-6857-4	S - 1	110	124
890-6857-5	S - 1	130	138 S1+
890-6857-6	S - 2	110	123
890-6857-7	S - 2	108	119
890-6857-8	S - 2	136 S1+	139 S1+
890-6857-9	S - 2	111	130
890-6857-10	S - 2	110	121
890-6857-11	S - 3	124	135 S1+
890-6857-11 MS	S - 3	111	116
890-6857-11 MSD	S - 3	111	109
890-6857-12	S - 3	112	120
890-6857-13	S - 3	109	116
890-6857-14	S - 3	116	125
890-6857-15	S - 3	114	125
890-6857-16	S - 4	111	119
890-6857-17	S - 4	113	124
890-6857-18	S - 4	112	121
890-6857-19	S - 4	103	108
890-6857-20	S - 4	109	121
890-6857-21	S - 5	104	102
890-6857-22	S - 5	112	114
890-6857-23	S - 5	99	112
890-6857-23 MS	S - 5	100	103
890-6857-23 MSD	S - 5	99	106
890-6857-24	S - 5	104	109
890-6857-25	S - 5	87	94
890-6857-31	H - 1	103	114
890-6857-32	H - 2	98	105
890-6857-33	H - 3	120	125
890-6857-34	H - 4	98	103
890-6857-35	H - 5	103	107
890-6857-36	H - 6	101	108
LCS 880-84594/2-A	Lab Control Sample	144 S1+	157 S1+
LCS 880-84650/2-A	Lab Control Sample	118	122
LCS 880-84651/2-A	Lab Control Sample	105	110
LCSD 880-84594/3-A	Lab Control Sample Dup	117	126
LCSD 880-84650/3-A	Lab Control Sample Dup	116	126
LCSD 880-84651/3-A	Lab Control Sample Dup	94	101
MB 880-84594/1-A	Method Blank	214 S1+	266 S1+
MB 880-84650/1-A	Method Blank	159 S1+	178 S1+
MB 880-84651/1-A	Method Blank	148 S1+	165 S1+

Surrogate Legend

1CO = 1-Chlorooctane

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Surrogate Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H
OTPH = o-Terphenyl

Job ID: 890-6857-1
SDG: 248765

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

QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-84489/5-A
Matrix: Solid
Analysis Batch: 84451

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:05	06/29/24 08:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:05	06/29/24 08:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:05	06/29/24 08:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 11:05	06/29/24 08:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:05	06/29/24 08:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 11:05	06/29/24 08:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				06/28/24 11:05	06/29/24 08:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/28/24 11:05	06/29/24 08:51	1

Lab Sample ID: MB 880-84631/5-A
Matrix: Solid
Analysis Batch: 84451

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84631

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 19:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 19:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 19:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/24 13:37	06/29/24 19:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:37	06/29/24 19:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:37	06/29/24 19:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				06/29/24 13:37	06/29/24 19:35	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/29/24 13:37	06/29/24 19:35	1

Lab Sample ID: LCS 880-84631/1-A
Matrix: Solid
Analysis Batch: 84451

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84631

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1191		mg/Kg		119	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1461	*+	mg/Kg		146	70 - 130
m-Xylene & p-Xylene	0.200	0.2639	*+	mg/Kg		132	70 - 130
o-Xylene	0.100	0.1263		mg/Kg		126	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	117		70 - 130				
1,4-Difluorobenzene (Surr)	107		70 - 130				

Lab Sample ID: LCSD 880-84631/2-A
Matrix: Solid
Analysis Batch: 84451

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1048		mg/Kg		105	70 - 130	13	35

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: LCSD 880-84631/2-A

Matrix: Solid

Analysis Batch: 84451

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84631

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09637		mg/Kg		96	70 - 130	12	35
Ethylbenzene	0.100	0.1118		mg/Kg		112	70 - 130	27	35
m-Xylene & p-Xylene	0.200	0.2429		mg/Kg		121	70 - 130	8	35
o-Xylene	0.100	0.1151		mg/Kg		115	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-6857-1 MS

Matrix: Solid

Analysis Batch: 84451

Client Sample ID: S - 1

Prep Type: Total/NA

Prep Batch: 84631

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.08509		mg/Kg		85	70 - 130
Toluene	<0.00199	U	0.0996	0.09099		mg/Kg		91	70 - 130
Ethylbenzene	<0.00199	U *+	0.0996	0.1083		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	<0.00398	U *+	0.199	0.1923		mg/Kg		97	70 - 130
o-Xylene	<0.00199	U	0.0996	0.09150		mg/Kg		92	70 - 130

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

Lab Sample ID: 890-6857-1 MSD

Matrix: Solid

Analysis Batch: 84451

Client Sample ID: S - 1

Prep Type: Total/NA

Prep Batch: 84631

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09878		mg/Kg		98	70 - 130	15	35
Toluene	<0.00199	U	0.101	0.09135		mg/Kg		91	70 - 130	0	35
Ethylbenzene	<0.00199	U *+	0.101	0.1054		mg/Kg		105	70 - 130	3	35
m-Xylene & p-Xylene	<0.00398	U *+	0.202	0.2228		mg/Kg		111	70 - 130	15	35
o-Xylene	<0.00199	U	0.101	0.1044		mg/Kg		104	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-84633/5-A

Matrix: Solid

Analysis Batch: 84659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 11:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 11:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 11:49	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/24 13:54	07/01/24 11:49	1

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: MB 880-84633/5-A

Matrix: Solid

Analysis Batch: 84659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:54	07/01/24 11:49	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:54	07/01/24 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/29/24 13:54	07/01/24 11:49	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/29/24 13:54	07/01/24 11:49	1

Lab Sample ID: LCS 880-84633/1-A

Matrix: Solid

Analysis Batch: 84659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1004		mg/Kg		100	70 - 130
Toluene	0.100	0.09552		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09292		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.2021		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-84633/2-A

Matrix: Solid

Analysis Batch: 84659

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84633

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1005		mg/Kg		101	70 - 130	0	35
Toluene	0.100	0.09527		mg/Kg		95	70 - 130	0	35
Ethylbenzene	0.100	0.09254		mg/Kg		93	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2016		mg/Kg		101	70 - 130	0	35
o-Xylene	0.100	0.1008		mg/Kg		101	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-6856-A-1-C MS

Matrix: Solid

Analysis Batch: 84659

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 84633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0996	0.09870		mg/Kg		99	70 - 130
Toluene	<0.00202	U	0.0996	0.09342		mg/Kg		94	70 - 130
Ethylbenzene	<0.00202	U	0.0996	0.09014		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.199	0.1959		mg/Kg		98	70 - 130
o-Xylene	<0.00202	U	0.0996	0.09812		mg/Kg		99	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: 890-6856-A-1-C MS

Matrix: Solid

Analysis Batch: 84659

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 84633

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-6856-A-1-D MSD

Matrix: Solid

Analysis Batch: 84659

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 84633

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.101	0.09316		mg/Kg		92	70 - 130	6	35
Toluene	<0.00202	U	0.101	0.08770		mg/Kg		87	70 - 130	6	35
Ethylbenzene	<0.00202	U	0.101	0.08511		mg/Kg		84	70 - 130	6	35
m-Xylene & p-Xylene	<0.00403	U	0.202	0.1851		mg/Kg		92	70 - 130	6	35
o-Xylene	<0.00202	U	0.101	0.09220		mg/Kg		91	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-84672/5-A

Matrix: Solid

Analysis Batch: 84745

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/01/24 10:06	07/01/24 17:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/01/24 10:06	07/01/24 17:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/01/24 10:06	07/01/24 17:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/01/24 10:06	07/01/24 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/01/24 10:06	07/01/24 17:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/01/24 10:06	07/01/24 17:43	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	07/01/24 10:06	07/01/24 17:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/01/24 10:06	07/01/24 17:43	1

Lab Sample ID: LCS 880-84672/1-A

Matrix: Solid

Analysis Batch: 84745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1120		mg/Kg		112	70 - 130
Toluene	0.100	0.1009		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1059		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2019		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09720		mg/Kg		97	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: LCS 880-84672/1-A

Matrix: Solid

Analysis Batch: 84745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84672

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

Lab Sample ID: LCSD 880-84672/2-A

Matrix: Solid

Analysis Batch: 84745

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84672

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09564		mg/Kg		96	70 - 130	16	35
Toluene	0.100	0.09081		mg/Kg		91	70 - 130	11	35
Ethylbenzene	0.100	0.08791		mg/Kg		88	70 - 130	19	35
m-Xylene & p-Xylene	0.200	0.1601		mg/Kg		80	70 - 130	23	35
o-Xylene	0.100	0.07620		mg/Kg		76	70 - 130	24	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-6857-35 MS

Matrix: Solid

Analysis Batch: 84745

Client Sample ID: H - 5

Prep Type: Total/NA

Prep Batch: 84672

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.09989		mg/Kg		100	70 - 130
Toluene	<0.00199	U	0.0996	0.08939		mg/Kg		90	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.1166		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2059		mg/Kg		103	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1001		mg/Kg		100	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-6857-35 MSD

Matrix: Solid

Analysis Batch: 84745

Client Sample ID: H - 5

Prep Type: Total/NA

Prep Batch: 84672

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.1104		mg/Kg		110	70 - 130	10	35
Toluene	<0.00199	U	0.101	0.1130		mg/Kg		112	70 - 130	23	35
Ethylbenzene	<0.00199	U	0.101	0.1307		mg/Kg		130	70 - 130	11	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2402		mg/Kg		119	70 - 130	15	35
o-Xylene	<0.00199	U	0.101	0.1155		mg/Kg		115	70 - 130	14	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: MB 880-84594/1-A							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84647							Prep Batch: 84594			
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		06/28/24 16:24	07/01/24 08:34	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 16:24	07/01/24 08:34	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 16:24	07/01/24 08:34	1	
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	214	S1+	70 - 130				06/28/24 16:24	07/01/24 08:34	1	
o-Terphenyl	266	S1+	70 - 130				06/28/24 16:24	07/01/24 08:34	1	

Lab Sample ID: LCS 880-84594/2-A							Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84647							Prep Batch: 84594			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1035		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1224		mg/Kg		122	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctane	144	S1+	70 - 130							
o-Terphenyl	157	S1+	70 - 130							

Lab Sample ID: LCSD 880-84594/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84647							Prep Batch: 84594			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	900.7		mg/Kg		90	70 - 130	14 20
Diesel Range Organics (Over C10-C28)			1000	1040		mg/Kg		104	70 - 130	16 20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	117		70 - 130							
o-Terphenyl	126		70 - 130							

Lab Sample ID: 880-45368-A-83-D MS							Client Sample ID: Matrix Spike			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84647							Prep Batch: 84594			
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	996	950.5		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	74.3	F1	996	763.6	F1	mg/Kg		69	70 - 130	

QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: 880-45368-A-83-D MS
Matrix: Solid
Analysis Batch: 84647

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 84594

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	151	S1+	70 - 130

Lab Sample ID: 880-45368-A-83-E MSD
Matrix: Solid
Analysis Batch: 84647

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 84594

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	996	934.1		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	74.3	F1	996	731.9	F1	mg/Kg		66	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	136	S1+	70 - 130
o-Terphenyl	143	S1+	70 - 130

Lab Sample ID: MB 880-84650/1-A
Matrix: Solid
Analysis Batch: 84641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84650

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		07/01/24 08:30	07/01/24 08:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/24 08:30	07/01/24 08:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:30	07/01/24 08:36	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	159	S1+	70 - 130	07/01/24 08:30	07/01/24 08:36	1
o-Terphenyl	178	S1+	70 - 130	07/01/24 08:30	07/01/24 08:36	1

Lab Sample ID: LCS 880-84650/2-A
Matrix: Solid
Analysis Batch: 84641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	950.7		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	950.7		mg/Kg		95	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	122		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: LCSD 880-84650/3-A

Matrix: Solid

Analysis Batch: 84641

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84650

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	965.7		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	944.0		mg/Kg		94	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	116		70 - 130						
o-Terphenyl	126		70 - 130						

Lab Sample ID: 890-6857-11 MS

Matrix: Solid

Analysis Batch: 84641

Client Sample ID: S - 3

Prep Type: Total/NA

Prep Batch: 84650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	916.1		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U F1	998	549.7	F1	mg/Kg		55	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	116		70 - 130								

Lab Sample ID: 890-6857-11 MSD

Matrix: Solid

Analysis Batch: 84641

Client Sample ID: S - 3

Prep Type: Total/NA

Prep Batch: 84650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	934.4		mg/Kg		94	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	998	534.4	F1	mg/Kg		54	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: MB 880-84651/1-A

Matrix: Solid

Analysis Batch: 84643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84651

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		07/01/24 08:34	07/01/24 08:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/24 08:34	07/01/24 08:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/24 08:34	07/01/24 08:36	1

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: MB 880-84651/1-A

Matrix: Solid

Analysis Batch: 84643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84651

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	148	S1+	70 - 130	07/01/24 08:34	07/01/24 08:36	1				
o-Terphenyl	165	S1+	70 - 130	07/01/24 08:34	07/01/24 08:36	1				

Lab Sample ID: LCS 880-84651/2-A

Matrix: Solid

Analysis Batch: 84643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84651

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1126		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1120		mg/Kg		112	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	110		70 - 130								

Lab Sample ID: LCSD 880-84651/3-A

Matrix: Solid

Analysis Batch: 84643

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84651

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	846.7	*1	mg/Kg		85	70 - 130	28	20
Diesel Range Organics (Over C10-C28)			1000	882.4	*1	mg/Kg		88	70 - 130	24	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	101		70 - 130								

Lab Sample ID: 890-6857-23 MS

Matrix: Solid

Analysis Batch: 84643

Client Sample ID: S - 5

Prep Type: Total/NA

Prep Batch: 84651

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	998	974.7		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	998	529.3	F1	mg/Kg		51	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	103		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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

Lab Sample ID: 890-6857-23 MSD
Matrix: Solid
Analysis Batch: 84643

Client Sample ID: S - 5
Prep Type: Total/NA
Prep Batch: 84651

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	998	970.9		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1 F1	998	542.9	F1	mg/Kg		52	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	106		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-84771/1-A
Matrix: Solid
Analysis Batch: 84834

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			07/03/24 20:03	1

Lab Sample ID: LCS 880-84771/2-A
Matrix: Solid
Analysis Batch: 84834

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.4		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-84771/3-A
Matrix: Solid
Analysis Batch: 84834

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCS D Result	LCS D Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	250	266.7		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-6857-1 MS
Matrix: Solid
Analysis Batch: 84834

Client Sample ID: S - 1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2700	F1	1260	4228	F1	mg/Kg	-	122	90 - 110

Lab Sample ID: 890-6857-1 MSD
Matrix: Solid
Analysis Batch: 84834

Client Sample ID: S - 1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	2700	F1	1260	4242	F1	mg/Kg	-	123	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-6857-11 MS

Matrix: Solid

Analysis Batch: 84834

Client Sample ID: S - 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	330		252	595.6		mg/Kg		105	90 - 110

Lab Sample ID: 890-6857-11 MSD

Matrix: Solid

Analysis Batch: 84834

Client Sample ID: S - 3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	330		252	595.5		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-84772/1-A

Matrix: Solid

Analysis Batch: 84897

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			07/03/24 17:06	1

Lab Sample ID: LCS 880-84772/2-A

Matrix: Solid

Analysis Batch: 84897

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-84772/3-A

Matrix: Solid

Analysis Batch: 84897

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.5		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-6857-21 MS

Matrix: Solid

Analysis Batch: 84897

Client Sample ID: S - 5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	331	F1 F2	248	419.6	F1	mg/Kg		36	90 - 110

Lab Sample ID: 890-6857-21 MSD

Matrix: Solid

Analysis Batch: 84897

Client Sample ID: S - 5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	331	F1 F2	248	566.0	F2	mg/Kg		95	90 - 110	30	20

Lab Sample ID: 890-6857-36 MS

Matrix: Solid

Analysis Batch: 84897

Client Sample ID: H - 6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	252	F1 F2	253	500.3		mg/Kg		98	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-6857-36 MSD							Client Sample ID: H - 6					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 84897												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	252	F1 F2	253	371.8	F1 F2	mg/Kg	-	47	90 - 110	29	20	

QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

GC VOA

Analysis Batch: 84451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Total/NA	Solid	8021B	84631
890-6857-2	S - 1	Total/NA	Solid	8021B	84631
890-6857-3	S - 1	Total/NA	Solid	8021B	84631
890-6857-4	S - 1	Total/NA	Solid	8021B	84631
890-6857-5	S - 1	Total/NA	Solid	8021B	84631
890-6857-6	S - 2	Total/NA	Solid	8021B	84631
890-6857-7	S - 2	Total/NA	Solid	8021B	84631
890-6857-8	S - 2	Total/NA	Solid	8021B	84631
890-6857-9	S - 2	Total/NA	Solid	8021B	84631
890-6857-10	S - 2	Total/NA	Solid	8021B	84631
890-6857-11	S - 3	Total/NA	Solid	8021B	84631
890-6857-12	S - 3	Total/NA	Solid	8021B	84631
890-6857-13	S - 3	Total/NA	Solid	8021B	84631
890-6857-14	S - 3	Total/NA	Solid	8021B	84631
890-6857-15	S - 3	Total/NA	Solid	8021B	84631
890-6857-16	S - 4	Total/NA	Solid	8021B	84631
890-6857-17	S - 4	Total/NA	Solid	8021B	84631
890-6857-18	S - 4	Total/NA	Solid	8021B	84631
890-6857-19	S - 4	Total/NA	Solid	8021B	84631
890-6857-20	S - 4	Total/NA	Solid	8021B	84631
MB 880-84489/5-A	Method Blank	Total/NA	Solid	8021B	84489
MB 880-84631/5-A	Method Blank	Total/NA	Solid	8021B	84631
LCS 880-84631/1-A	Lab Control Sample	Total/NA	Solid	8021B	84631
LCSD 880-84631/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84631
890-6857-1 MS	S - 1	Total/NA	Solid	8021B	84631
890-6857-1 MSD	S - 1	Total/NA	Solid	8021B	84631

Prep Batch: 84489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84489/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 84631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Total/NA	Solid	5035	
890-6857-2	S - 1	Total/NA	Solid	5035	
890-6857-3	S - 1	Total/NA	Solid	5035	
890-6857-4	S - 1	Total/NA	Solid	5035	
890-6857-5	S - 1	Total/NA	Solid	5035	
890-6857-6	S - 2	Total/NA	Solid	5035	
890-6857-7	S - 2	Total/NA	Solid	5035	
890-6857-8	S - 2	Total/NA	Solid	5035	
890-6857-9	S - 2	Total/NA	Solid	5035	
890-6857-10	S - 2	Total/NA	Solid	5035	
890-6857-11	S - 3	Total/NA	Solid	5035	
890-6857-12	S - 3	Total/NA	Solid	5035	
890-6857-13	S - 3	Total/NA	Solid	5035	
890-6857-14	S - 3	Total/NA	Solid	5035	
890-6857-15	S - 3	Total/NA	Solid	5035	
890-6857-16	S - 4	Total/NA	Solid	5035	
890-6857-17	S - 4	Total/NA	Solid	5035	
890-6857-18	S - 4	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

GC VOA (Continued)

Prep Batch: 84631 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-19	S - 4	Total/NA	Solid	5035	
890-6857-20	S - 4	Total/NA	Solid	5035	
MB 880-84631/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84631/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84631/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6857-1 MS	S - 1	Total/NA	Solid	5035	
890-6857-1 MSD	S - 1	Total/NA	Solid	5035	

Prep Batch: 84633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-21	S - 5	Total/NA	Solid	5035	
890-6857-22	S - 5	Total/NA	Solid	5035	
890-6857-23	S - 5	Total/NA	Solid	5035	
890-6857-24	S - 5	Total/NA	Solid	5035	
890-6857-25	S - 5	Total/NA	Solid	5035	
890-6857-31	H - 1	Total/NA	Solid	5035	
890-6857-32	H - 2	Total/NA	Solid	5035	
890-6857-33	H - 3	Total/NA	Solid	5035	
890-6857-34	H - 4	Total/NA	Solid	5035	
MB 880-84633/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84633/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84633/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6856-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-6856-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 84659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-21	S - 5	Total/NA	Solid	8021B	84633
890-6857-22	S - 5	Total/NA	Solid	8021B	84633
890-6857-23	S - 5	Total/NA	Solid	8021B	84633
890-6857-24	S - 5	Total/NA	Solid	8021B	84633
890-6857-25	S - 5	Total/NA	Solid	8021B	84633
890-6857-31	H - 1	Total/NA	Solid	8021B	84633
890-6857-32	H - 2	Total/NA	Solid	8021B	84633
890-6857-33	H - 3	Total/NA	Solid	8021B	84633
890-6857-34	H - 4	Total/NA	Solid	8021B	84633
MB 880-84633/5-A	Method Blank	Total/NA	Solid	8021B	84633
LCS 880-84633/1-A	Lab Control Sample	Total/NA	Solid	8021B	84633
LCSD 880-84633/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84633
890-6856-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	84633
890-6856-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	84633

Prep Batch: 84672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-35	H - 5	Total/NA	Solid	5035	
890-6857-36	H - 6	Total/NA	Solid	5035	
MB 880-84672/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84672/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84672/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6857-35 MS	H - 5	Total/NA	Solid	5035	
890-6857-35 MSD	H - 5	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

GC VOA

Analysis Batch: 84718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Total/NA	Solid	Total BTEX	
890-6857-2	S - 1	Total/NA	Solid	Total BTEX	
890-6857-3	S - 1	Total/NA	Solid	Total BTEX	
890-6857-4	S - 1	Total/NA	Solid	Total BTEX	
890-6857-5	S - 1	Total/NA	Solid	Total BTEX	
890-6857-6	S - 2	Total/NA	Solid	Total BTEX	
890-6857-7	S - 2	Total/NA	Solid	Total BTEX	
890-6857-8	S - 2	Total/NA	Solid	Total BTEX	
890-6857-9	S - 2	Total/NA	Solid	Total BTEX	
890-6857-10	S - 2	Total/NA	Solid	Total BTEX	
890-6857-11	S - 3	Total/NA	Solid	Total BTEX	
890-6857-12	S - 3	Total/NA	Solid	Total BTEX	
890-6857-13	S - 3	Total/NA	Solid	Total BTEX	
890-6857-14	S - 3	Total/NA	Solid	Total BTEX	
890-6857-15	S - 3	Total/NA	Solid	Total BTEX	
890-6857-16	S - 4	Total/NA	Solid	Total BTEX	
890-6857-17	S - 4	Total/NA	Solid	Total BTEX	
890-6857-18	S - 4	Total/NA	Solid	Total BTEX	
890-6857-19	S - 4	Total/NA	Solid	Total BTEX	
890-6857-20	S - 4	Total/NA	Solid	Total BTEX	
890-6857-21	S - 5	Total/NA	Solid	Total BTEX	
890-6857-22	S - 5	Total/NA	Solid	Total BTEX	
890-6857-23	S - 5	Total/NA	Solid	Total BTEX	
890-6857-24	S - 5	Total/NA	Solid	Total BTEX	
890-6857-25	S - 5	Total/NA	Solid	Total BTEX	
890-6857-31	H - 1	Total/NA	Solid	Total BTEX	
890-6857-32	H - 2	Total/NA	Solid	Total BTEX	
890-6857-33	H - 3	Total/NA	Solid	Total BTEX	
890-6857-34	H - 4	Total/NA	Solid	Total BTEX	
890-6857-35	H - 5	Total/NA	Solid	Total BTEX	
890-6857-36	H - 6	Total/NA	Solid	Total BTEX	

Analysis Batch: 84745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-35	H - 5	Total/NA	Solid	8021B	84672
890-6857-36	H - 6	Total/NA	Solid	8021B	84672
MB 880-84672/5-A	Method Blank	Total/NA	Solid	8021B	84672
LCS 880-84672/1-A	Lab Control Sample	Total/NA	Solid	8021B	84672
LCSD 880-84672/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84672
890-6857-35 MS	H - 5	Total/NA	Solid	8021B	84672
890-6857-35 MSD	H - 5	Total/NA	Solid	8021B	84672

GC Semi VOA

Prep Batch: 84594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Total/NA	Solid	8015NM Prep	
890-6857-2	S - 1	Total/NA	Solid	8015NM Prep	
MB 880-84594/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84594/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84594/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

GC Semi VOA (Continued)

Prep Batch: 84594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-45368-A-83-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-45368-A-83-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 84641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-3	S - 1	Total/NA	Solid	8015B NM	84650
890-6857-4	S - 1	Total/NA	Solid	8015B NM	84650
890-6857-5	S - 1	Total/NA	Solid	8015B NM	84650
890-6857-6	S - 2	Total/NA	Solid	8015B NM	84650
890-6857-7	S - 2	Total/NA	Solid	8015B NM	84650
890-6857-8	S - 2	Total/NA	Solid	8015B NM	84650
890-6857-9	S - 2	Total/NA	Solid	8015B NM	84650
890-6857-10	S - 2	Total/NA	Solid	8015B NM	84650
890-6857-11	S - 3	Total/NA	Solid	8015B NM	84650
890-6857-12	S - 3	Total/NA	Solid	8015B NM	84650
890-6857-13	S - 3	Total/NA	Solid	8015B NM	84650
890-6857-14	S - 3	Total/NA	Solid	8015B NM	84650
890-6857-15	S - 3	Total/NA	Solid	8015B NM	84650
890-6857-16	S - 4	Total/NA	Solid	8015B NM	84650
890-6857-17	S - 4	Total/NA	Solid	8015B NM	84650
890-6857-18	S - 4	Total/NA	Solid	8015B NM	84650
890-6857-19	S - 4	Total/NA	Solid	8015B NM	84650
890-6857-20	S - 4	Total/NA	Solid	8015B NM	84650
890-6857-21	S - 5	Total/NA	Solid	8015B NM	84650
890-6857-22	S - 5	Total/NA	Solid	8015B NM	84650
MB 880-84650/1-A	Method Blank	Total/NA	Solid	8015B NM	84650
LCS 880-84650/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84650
LCSD 880-84650/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84650
890-6857-11 MS	S - 3	Total/NA	Solid	8015B NM	84650
890-6857-11 MSD	S - 3	Total/NA	Solid	8015B NM	84650

Analysis Batch: 84643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-23	S - 5	Total/NA	Solid	8015B NM	84651
890-6857-24	S - 5	Total/NA	Solid	8015B NM	84651
890-6857-25	S - 5	Total/NA	Solid	8015B NM	84651
890-6857-31	H - 1	Total/NA	Solid	8015B NM	84651
890-6857-32	H - 2	Total/NA	Solid	8015B NM	84651
890-6857-33	H - 3	Total/NA	Solid	8015B NM	84651
890-6857-34	H - 4	Total/NA	Solid	8015B NM	84651
890-6857-35	H - 5	Total/NA	Solid	8015B NM	84651
890-6857-36	H - 6	Total/NA	Solid	8015B NM	84651
MB 880-84651/1-A	Method Blank	Total/NA	Solid	8015B NM	84651
LCS 880-84651/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84651
LCSD 880-84651/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84651
890-6857-23 MS	S - 5	Total/NA	Solid	8015B NM	84651
890-6857-23 MSD	S - 5	Total/NA	Solid	8015B NM	84651

Analysis Batch: 84647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Total/NA	Solid	8015B NM	84594

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

GC Semi VOA (Continued)

Analysis Batch: 84647 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-2	S - 1	Total/NA	Solid	8015B NM	84594
MB 880-84594/1-A	Method Blank	Total/NA	Solid	8015B NM	84594
LCS 880-84594/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84594
LCSD 880-84594/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84594
880-45368-A-83-D MS	Matrix Spike	Total/NA	Solid	8015B NM	84594
880-45368-A-83-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	84594

Prep Batch: 84650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-3	S - 1	Total/NA	Solid	8015NM Prep	
890-6857-4	S - 1	Total/NA	Solid	8015NM Prep	
890-6857-5	S - 1	Total/NA	Solid	8015NM Prep	
890-6857-6	S - 2	Total/NA	Solid	8015NM Prep	
890-6857-7	S - 2	Total/NA	Solid	8015NM Prep	
890-6857-8	S - 2	Total/NA	Solid	8015NM Prep	
890-6857-9	S - 2	Total/NA	Solid	8015NM Prep	
890-6857-10	S - 2	Total/NA	Solid	8015NM Prep	
890-6857-11	S - 3	Total/NA	Solid	8015NM Prep	
890-6857-12	S - 3	Total/NA	Solid	8015NM Prep	
890-6857-13	S - 3	Total/NA	Solid	8015NM Prep	
890-6857-14	S - 3	Total/NA	Solid	8015NM Prep	
890-6857-15	S - 3	Total/NA	Solid	8015NM Prep	
890-6857-16	S - 4	Total/NA	Solid	8015NM Prep	
890-6857-17	S - 4	Total/NA	Solid	8015NM Prep	
890-6857-18	S - 4	Total/NA	Solid	8015NM Prep	
890-6857-19	S - 4	Total/NA	Solid	8015NM Prep	
890-6857-20	S - 4	Total/NA	Solid	8015NM Prep	
890-6857-21	S - 5	Total/NA	Solid	8015NM Prep	
890-6857-22	S - 5	Total/NA	Solid	8015NM Prep	
MB 880-84650/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84650/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84650/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6857-11 MS	S - 3	Total/NA	Solid	8015NM Prep	
890-6857-11 MSD	S - 3	Total/NA	Solid	8015NM Prep	

Prep Batch: 84651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-23	S - 5	Total/NA	Solid	8015NM Prep	
890-6857-24	S - 5	Total/NA	Solid	8015NM Prep	
890-6857-25	S - 5	Total/NA	Solid	8015NM Prep	
890-6857-31	H - 1	Total/NA	Solid	8015NM Prep	
890-6857-32	H - 2	Total/NA	Solid	8015NM Prep	
890-6857-33	H - 3	Total/NA	Solid	8015NM Prep	
890-6857-34	H - 4	Total/NA	Solid	8015NM Prep	
890-6857-35	H - 5	Total/NA	Solid	8015NM Prep	
890-6857-36	H - 6	Total/NA	Solid	8015NM Prep	
MB 880-84651/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84651/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84651/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6857-23 MS	S - 5	Total/NA	Solid	8015NM Prep	
890-6857-23 MSD	S - 5	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

GC Semi VOA

Analysis Batch: 84856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Total/NA	Solid	8015 NM	
890-6857-2	S - 1	Total/NA	Solid	8015 NM	
890-6857-3	S - 1	Total/NA	Solid	8015 NM	
890-6857-4	S - 1	Total/NA	Solid	8015 NM	
890-6857-5	S - 1	Total/NA	Solid	8015 NM	
890-6857-6	S - 2	Total/NA	Solid	8015 NM	
890-6857-7	S - 2	Total/NA	Solid	8015 NM	
890-6857-8	S - 2	Total/NA	Solid	8015 NM	
890-6857-9	S - 2	Total/NA	Solid	8015 NM	
890-6857-10	S - 2	Total/NA	Solid	8015 NM	
890-6857-11	S - 3	Total/NA	Solid	8015 NM	
890-6857-12	S - 3	Total/NA	Solid	8015 NM	
890-6857-13	S - 3	Total/NA	Solid	8015 NM	
890-6857-14	S - 3	Total/NA	Solid	8015 NM	
890-6857-15	S - 3	Total/NA	Solid	8015 NM	
890-6857-16	S - 4	Total/NA	Solid	8015 NM	
890-6857-17	S - 4	Total/NA	Solid	8015 NM	
890-6857-18	S - 4	Total/NA	Solid	8015 NM	
890-6857-19	S - 4	Total/NA	Solid	8015 NM	
890-6857-20	S - 4	Total/NA	Solid	8015 NM	
890-6857-21	S - 5	Total/NA	Solid	8015 NM	
890-6857-22	S - 5	Total/NA	Solid	8015 NM	
890-6857-23	S - 5	Total/NA	Solid	8015 NM	
890-6857-24	S - 5	Total/NA	Solid	8015 NM	
890-6857-25	S - 5	Total/NA	Solid	8015 NM	
890-6857-31	H - 1	Total/NA	Solid	8015 NM	
890-6857-32	H - 2	Total/NA	Solid	8015 NM	
890-6857-33	H - 3	Total/NA	Solid	8015 NM	
890-6857-34	H - 4	Total/NA	Solid	8015 NM	
890-6857-35	H - 5	Total/NA	Solid	8015 NM	
890-6857-36	H - 6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 84771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Soluble	Solid	DI Leach	
890-6857-2	S - 1	Soluble	Solid	DI Leach	
890-6857-3	S - 1	Soluble	Solid	DI Leach	
890-6857-4	S - 1	Soluble	Solid	DI Leach	
890-6857-5	S - 1	Soluble	Solid	DI Leach	
890-6857-6	S - 2	Soluble	Solid	DI Leach	
890-6857-7	S - 2	Soluble	Solid	DI Leach	
890-6857-8	S - 2	Soluble	Solid	DI Leach	
890-6857-9	S - 2	Soluble	Solid	DI Leach	
890-6857-10	S - 2	Soluble	Solid	DI Leach	
890-6857-11	S - 3	Soluble	Solid	DI Leach	
890-6857-12	S - 3	Soluble	Solid	DI Leach	
890-6857-13	S - 3	Soluble	Solid	DI Leach	
890-6857-14	S - 3	Soluble	Solid	DI Leach	
890-6857-15	S - 3	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

HPLC/IC (Continued)

Leach Batch: 84771 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-16	S - 4	Soluble	Solid	DI Leach	
890-6857-17	S - 4	Soluble	Solid	DI Leach	
890-6857-18	S - 4	Soluble	Solid	DI Leach	
890-6857-19	S - 4	Soluble	Solid	DI Leach	
890-6857-20	S - 4	Soluble	Solid	DI Leach	
MB 880-84771/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84771/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84771/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6857-1 MS	S - 1	Soluble	Solid	DI Leach	
890-6857-1 MSD	S - 1	Soluble	Solid	DI Leach	
890-6857-11 MS	S - 3	Soluble	Solid	DI Leach	
890-6857-11 MSD	S - 3	Soluble	Solid	DI Leach	

Leach Batch: 84772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-21	S - 5	Soluble	Solid	DI Leach	
890-6857-22	S - 5	Soluble	Solid	DI Leach	
890-6857-23	S - 5	Soluble	Solid	DI Leach	
890-6857-24	S - 5	Soluble	Solid	DI Leach	
890-6857-25	S - 5	Soluble	Solid	DI Leach	
890-6857-31	H - 1	Soluble	Solid	DI Leach	
890-6857-32	H - 2	Soluble	Solid	DI Leach	
890-6857-33	H - 3	Soluble	Solid	DI Leach	
890-6857-34	H - 4	Soluble	Solid	DI Leach	
890-6857-35	H - 5	Soluble	Solid	DI Leach	
890-6857-36	H - 6	Soluble	Solid	DI Leach	
MB 880-84772/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84772/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84772/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6857-21 MS	S - 5	Soluble	Solid	DI Leach	
890-6857-21 MSD	S - 5	Soluble	Solid	DI Leach	
890-6857-36 MS	H - 6	Soluble	Solid	DI Leach	
890-6857-36 MSD	H - 6	Soluble	Solid	DI Leach	

Analysis Batch: 84834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-1	S - 1	Soluble	Solid	300.0	84771
890-6857-2	S - 1	Soluble	Solid	300.0	84771
890-6857-3	S - 1	Soluble	Solid	300.0	84771
890-6857-4	S - 1	Soluble	Solid	300.0	84771
890-6857-5	S - 1	Soluble	Solid	300.0	84771
890-6857-6	S - 2	Soluble	Solid	300.0	84771
890-6857-7	S - 2	Soluble	Solid	300.0	84771
890-6857-8	S - 2	Soluble	Solid	300.0	84771
890-6857-9	S - 2	Soluble	Solid	300.0	84771
890-6857-10	S - 2	Soluble	Solid	300.0	84771
890-6857-11	S - 3	Soluble	Solid	300.0	84771
890-6857-12	S - 3	Soluble	Solid	300.0	84771
890-6857-13	S - 3	Soluble	Solid	300.0	84771
890-6857-14	S - 3	Soluble	Solid	300.0	84771
890-6857-15	S - 3	Soluble	Solid	300.0	84771

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

HPLC/IC (Continued)

Analysis Batch: 84834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-16	S - 4	Soluble	Solid	300.0	84771
890-6857-17	S - 4	Soluble	Solid	300.0	84771
890-6857-18	S - 4	Soluble	Solid	300.0	84771
890-6857-19	S - 4	Soluble	Solid	300.0	84771
890-6857-20	S - 4	Soluble	Solid	300.0	84771
MB 880-84771/1-A	Method Blank	Soluble	Solid	300.0	84771
LCS 880-84771/2-A	Lab Control Sample	Soluble	Solid	300.0	84771
LCSD 880-84771/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84771
890-6857-1 MS	S - 1	Soluble	Solid	300.0	84771
890-6857-1 MSD	S - 1	Soluble	Solid	300.0	84771
890-6857-11 MS	S - 3	Soluble	Solid	300.0	84771
890-6857-11 MSD	S - 3	Soluble	Solid	300.0	84771

Analysis Batch: 84897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6857-21	S - 5	Soluble	Solid	300.0	84772
890-6857-22	S - 5	Soluble	Solid	300.0	84772
890-6857-23	S - 5	Soluble	Solid	300.0	84772
890-6857-24	S - 5	Soluble	Solid	300.0	84772
890-6857-25	S - 5	Soluble	Solid	300.0	84772
890-6857-31	H - 1	Soluble	Solid	300.0	84772
890-6857-32	H - 2	Soluble	Solid	300.0	84772
890-6857-33	H - 3	Soluble	Solid	300.0	84772
890-6857-34	H - 4	Soluble	Solid	300.0	84772
890-6857-35	H - 5	Soluble	Solid	300.0	84772
890-6857-36	H - 6	Soluble	Solid	300.0	84772
MB 880-84772/1-A	Method Blank	Soluble	Solid	300.0	84772
LCS 880-84772/2-A	Lab Control Sample	Soluble	Solid	300.0	84772
LCSD 880-84772/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84772
890-6857-21 MS	S - 5	Soluble	Solid	300.0	84772
890-6857-21 MSD	S - 5	Soluble	Solid	300.0	84772
890-6857-36 MS	H - 6	Soluble	Solid	300.0	84772
890-6857-36 MSD	H - 6	Soluble	Solid	300.0	84772

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 1

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-1

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			5.03 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 15:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84594	06/28/24 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84647	07/01/24 15:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	84834	07/03/24 20:18	CH	EET MID

Client Sample ID: S - 1

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-2

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			5.04 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 20:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 20:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 16:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84594	06/28/24 16:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84647	07/01/24 16:04	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 20:34	CH	EET MID

Client Sample ID: S - 1

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-3

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	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 20:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 12:41	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 20:39	CH	EET MID

Client Sample ID: S - 1

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-4

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	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 20:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 20:58	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 1
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-4
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			84856	07/01/24 13:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 13:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 20:44	CH	EET MID

Client Sample ID: S - 1
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 21:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 21:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 13:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 13:22	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 20:50	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-6
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			4.96 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 21:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 21:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 13:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 13:43	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:05	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-7
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			5.04 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 22:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 22:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 14:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 14:03	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-7
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			5.00 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:11	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-8
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	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 22:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 22:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 14:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 14:23	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:16	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-9
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			5.05 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 22:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 14:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 14:44	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:21	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-10
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			4.98 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 23:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/29/24 23:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 15:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 15:04	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:26	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 00:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 00:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 11:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:31	CH	EET MID

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 00:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 00:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 15:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 15:25	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:47	CH	EET MID

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 01:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 01:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 16:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 16:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 21:52	CH	EET MID

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-14
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	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 01:28	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84856	07/01/24 16:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 16:26	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 22:08	CH	EET MID

Client Sample ID: S - 3
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-15
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			5.00 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 01:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 01:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 16:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 16:47	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 22:13	CH	EET MID

Client Sample ID: S - 4
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 02:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 02:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 17:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 17:08	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 22:19	CH	EET MID

Client Sample ID: S - 4
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-17
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			5.05 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 02:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 02:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 17:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 17:28	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 4
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 22:24	CH	EET MID

Client Sample ID: S - 4
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 02:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 02:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 17:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 17:49	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 22:29	CH	EET MID

Client Sample ID: S - 4
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 03:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 03:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 18:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 18:09	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 22:34	CH	EET MID

Client Sample ID: S - 4
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84631	06/29/24 13:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/30/24 03:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	06/30/24 03:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 18:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 18:30	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84771	07/01/24 16:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84834	07/03/24 22:39	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 5
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 12:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 18:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 18:50	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 17:24	CH	EET MID

Client Sample ID: S - 5
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 13:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 19:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84650	07/01/24 08:31	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84641	07/01/24 19:11	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 17:48	CH	EET MID

Client Sample ID: S - 5
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 13:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 11:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 11:40	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 17:55	CH	EET MID

Client Sample ID: S - 5
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-24
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			4.97 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 13:53	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: S - 5
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84856	07/01/24 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 12:41	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	84897	07/03/24 18:01	CH	EET MID

Client Sample ID: S - 5
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 14:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 14:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 13:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 13:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 18:07	CH	EET MID

Client Sample ID: H - 1
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-31
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			5.04 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 14:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 13:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 13:22	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	84897	07/03/24 18:31	CH	EET MID

Client Sample ID: H - 2
Date Collected: 06/27/24 00:00
Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 14:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 14:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 13:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 13:43	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: H - 2

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-32

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			5.03 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	84897	07/03/24 18:37	CH	EET MID

Client Sample ID: H - 3

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 15:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 14:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 14:03	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 18:43	CH	EET MID

Client Sample ID: H - 4

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-34

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			4.98 g	5 mL	84633	06/29/24 13:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84659	07/01/24 16:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 16:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 14:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 14:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 18:49	CH	EET MID

Client Sample ID: H - 5

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-35

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			5.02 g	5 mL	84672	07/01/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84745	07/01/24 18:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 18:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 14:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 14:44	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 18:55	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Client Sample ID: H - 6

Date Collected: 06/27/24 00:00

Date Received: 06/28/24 09:16

Lab Sample ID: 890-6857-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84672	07/01/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84745	07/01/24 18:25	EL	EET MID
Total/NA	Analysis	Total BTEX		1			84718	07/01/24 18:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			84856	07/01/24 15:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	84651	07/01/24 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84643	07/01/24 15:04	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84772	07/01/24 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84897	07/03/24 19:01	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: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

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: Culebra Federal Com 1H

Job ID: 890-6857-1
SDG: 248765

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-6857-1	S - 1	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-2	S - 1	Solid	06/27/24 00:00	06/28/24 09:16	1 - 1.5'
890-6857-3	S - 1	Solid	06/27/24 00:00	06/28/24 09:16	2 - 2.5'
890-6857-4	S - 1	Solid	06/27/24 00:00	06/28/24 09:16	3 - 3.5'
890-6857-5	S - 1	Solid	06/27/24 00:00	06/28/24 09:16	4 - 4.5'
890-6857-6	S - 2	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-7	S - 2	Solid	06/27/24 00:00	06/28/24 09:16	1 - 1.5'
890-6857-8	S - 2	Solid	06/27/24 00:00	06/28/24 09:16	2 - 2.5'
890-6857-9	S - 2	Solid	06/27/24 00:00	06/28/24 09:16	3 - 3.5'
890-6857-10	S - 2	Solid	06/27/24 00:00	06/28/24 09:16	4 - 4.5'
890-6857-11	S - 3	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-12	S - 3	Solid	06/27/24 00:00	06/28/24 09:16	1 - 1.5'
890-6857-13	S - 3	Solid	06/27/24 00:00	06/28/24 09:16	2 - 2.5'
890-6857-14	S - 3	Solid	06/27/24 00:00	06/28/24 09:16	3 - 3.5'
890-6857-15	S - 3	Solid	06/27/24 00:00	06/28/24 09:16	4 - 4.5'
890-6857-16	S - 4	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-17	S - 4	Solid	06/27/24 00:00	06/28/24 09:16	1 - 1.5'
890-6857-18	S - 4	Solid	06/27/24 00:00	06/28/24 09:16	2 - 2.5'
890-6857-19	S - 4	Solid	06/27/24 00:00	06/28/24 09:16	3 - 3.5'
890-6857-20	S - 4	Solid	06/27/24 00:00	06/28/24 09:16	4 - 4.5'
890-6857-21	S - 5	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-22	S - 5	Solid	06/27/24 00:00	06/28/24 09:16	1 - 1.5'
890-6857-23	S - 5	Solid	06/27/24 00:00	06/28/24 09:16	2 - 2.5'
890-6857-24	S - 5	Solid	06/27/24 00:00	06/28/24 09:16	3 - 3.5'
890-6857-25	S - 5	Solid	06/27/24 00:00	06/28/24 09:16	4 - 4.5'
890-6857-31	H - 1	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-32	H - 2	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-33	H - 3	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-34	H - 4	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-35	H - 5	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'
890-6857-36	H - 6	Solid	06/27/24 00:00	06/28/24 09:16	0 - 0.5'



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:	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:		Culebra Federal Com 1H	Turn Around									ANALYSIS REQUEST		Preservative Codes	
Project Number:		248765	☒ Routine ☐ Rush		Pres. Code									None: NO DI Water: H ₂ O	
Project Location		Eddy Co. NM	Due Date:											Cool: Cool MeOH: Me	
Sampler's Name:		Kenny Han	TAT starts the day received by the lab, if received by 4:30pm											HCL HC HNO ₃ : HN	
PG #														H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☒ No	Wet Ice:	☒ Yes ☒ No							890-6857 Chain of Custody		HOLD	
Received Intact:		Yes No	Thermometer ID:		-0.2									NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes No N/A	Correction Factor:		2.4									Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes No N/A	Temperature Reading:		2.2									Zn Acetate+NaOH: Zn	
Total Containers:		31	Corrected Temperature:											NaOH+Ascorbic Acid: SAPC	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH										Sample Comments	
S-1	0-0.5	6/27/2024		X		Grab	1	X	X	X									
S-1	1-1.5	6/27/2024		X		Grab	1	X	X	X									
S-1	2-2.5	6/27/2024		X		Grab	1	X	X	X									
S-1	3-3.5	6/27/2024		X		Grab	1	X	X	X									
S-1	4-4.5	6/27/2024		X		Grab	1	X	X	X									
S-2	0-0.5	6/27/2024		X		Grab	1	X	X	X									
S-2	1-1.5	6/27/2024		X		Grab	1	X	X	X									
S-2	2-2.5	6/27/2024		X		Grab	1	X	X	X									
S-2	3-3.5	6/27/2024		X		Grab	1	X	X	X									
S-2	4-4.5	6/27/2024		X		Grab	1	X	X	X									

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$55.00 will be applied to each project, and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		6/28 9:16			
3					
5					



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:	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:		Culebra Federal Com 1H		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:		248765		☒ Routine ☐ Rush		Pres. Code												None: NO			
Project Location		Eddy 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:		<i>Tanner</i>														NaHSO ₄ : NABIS	
Cooler Custody Seals:		☒ Yes ☐ No		Correction Factor:		<i>-0.2</i>														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		☒ Yes ☐ No		Temperature Reading:		<i>2.4</i>														HOLD	
Total Containers:		31		Corrected Temperature:		<i>2.2.2</i>														Zn Acetate: NaOH: Zn	
																				NaOH+Ascorbic Acid: SAPC	

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencro, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencro 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 Xencro. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencro, 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
		6/28 9:15 ₂			
1					
3					
5					



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:	shelly.cowden@pilotwater.com

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

Project Name:		Culebra Federal Com 1H			Turn Around		ANALYSIS REQUEST												Preservative Codes		
Project Number:		248765		☒ Routine	☐ Rush	Pres. Code												None: NO	DI Water: H ₂ O		
Project Location:		Eddy Co. NM		Due Date:														Cool: Cool	MeOH: Me		
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm														HCL: HCl	HNO ₃ : HN		
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT				Temp Blank:		☒ Yes	☐ No	Yes		No	Wet Ice:		☒ Yes	☐ No					H ₃ PO ₄ : HP		
Received Intact:		☒ Yes		☐ No		Thermometer ID:												NaHSO ₄ : NABIS			
Cooler Custody Seals:		☒ Yes		☐ No		Correction Factor:												Na ₂ S ₂ O ₅ : NaSO ₃			
Sample Custody Seals:		☒ Yes		☐ No		Temperature Reading:		24.4										Zn Acetate+NaOH: Zn			
Total Containers:		31		Corrected Temperature:		8.8												NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-5	0-0.5	6/27/2024		X		Grab	1	X	X	X											
S-5	1-1.5	6/27/2024		X		Grab	1	X	X	X											
S-5	2-2.5	6/27/2024		X		Grab	1	X	X	X											
S-5	3-3.5	6/27/2024		X		Grab	1	X	X	X											
S-5	4-4.5	6/27/2024		X		Grab	1	X	X	X											
H-1	0-0.5	6/27/2024		X		Grab	1	X	X	X											
H-2	0-0.5	6/27/2024		X		Grab	1	X	X	X											
H-3	0-0.5	6/27/2024		X		Grab	1	X	X	X											
H-4	0-0.5	6/27/2024		X		Grab	1	X	X	X											
H-5	0-0.5	6/27/2024		X		Grab	1	X	X	X											

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$8 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		6/28 9/16	2		
3			4		
5			6		



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:	Houton, 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 ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

[illegible]

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6857-1

SDG Number: 248765

Login Number: 6857

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6857-1

SDG Number: 248765

Login Number: 6857

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 07/01/24 07:56 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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QUESTIONS

Action 363495

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
	308339
	Action Number:
	363495
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2225473915
Incident Name	NAPP2225473915 CULEBRA FEDERAL COM 1H @ 30-015-37615
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-37615] CULEBRA BLV FEDERAL COM #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CULEBRA FEDERAL COM 1H
Date Release Discovered	09/11/2022
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 363495

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
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[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

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: 07/11/2024
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QUESTIONS, Page 3

Action 363495

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
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	Action Number:
	363495
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	7780
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	56.5
GRO+DRO	(EPA SW-846 Method 8015M)	56.5
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.1
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/10/2024
On what date will (or did) the final sampling or liner inspection occur	09/30/2024
On what date will (or was) the remediation complete(d)	10/10/2024
What is the estimated surface area (in square feet) that will be reclaimed	12212
What is the estimated volume (in cubic yards) that will be reclaimed	2539
What is the estimated surface area (in square feet) that will be remediated	12221
What is the estimated volume (in cubic yards) that will be remediated	2539

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 363495

QUESTIONS (continued)

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	Action Number:	363495
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	30-015-37615 CULEBRA BLV FEDERAL COM #001H
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 07/11/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 363495

QUESTIONS (continued)

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	Action Number: 363495
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 363495

QUESTIONS (continued)

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	Action Number: 363495
	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 363495

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 363495
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Remediation Work Plan Approved. Please be sure to submit Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC for all confirmation sampling events.	7/17/2024