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

July 25, 2024

Shelly Cowden
NM Regulatory Manager
Pilot Water Solutions
20 Greenway Plaza, Suite 500
Houston, TX. 77046

Re: Site Characterization and Remediation Work Plan
Pilot Water Solutions
Yates to Kaiser Line
Unit D, Section 34, Township 25S, Range 32E Site
Coordinates: 32.094117, -103.669801
Lea County, New Mexico
Incident ID: nAPP2221556302

1. 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: nAPP2221556302 – Yates to Kaiser Line (Site). The Site is in Unit Letter D, Section 34, of Township 25 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.094117° N latitude and 103.669801° 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.

2. Background

Based on the Release Notification C-141 Form, the release was discovered on August 3, 2022, from a pipeline leaking due to corrosion. 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 zero (0) bbls of produced water were recovered for a net loss of zero (0) bbls of produced water. The release area is shown in Figure 3.

3. Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no water wells within a ½-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the

Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	Unknown

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)

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

4. Initial Soil Delineation Assessment Summary and Findings

On July 16, 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 withing the release area, while eight (8) horizontal sample points (H-1 through H-8) 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 0 to 4.5 ft 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 sample containers, placed on ice, and transported under proper chain-of-custody protocol to Eurofins in Carlsbad, New Mexico for analysis of TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (EPA method 300.0). The analytical results indicated that Chloride and TPH concentrations exceeded the NMOCD regulatory limits in the areas of H-4 and H-5. Analytical results are included in Table 1, while soil boring locations are shown in Figure 3. The initial C-141, laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

5. Proposed Work Plan

After receiving and evaluating the soil boring data NTGE proposes to excavate the areas of H-4 to a depth of four (4) ft bgs and H-5 to a depth of one (1) ft bgs to ensure that the impacted soil has

been removed from the Site. Approximately 111 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown in Figure 4.

Upon completion of the excavation, confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by EPA method 300.0. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table 3.1 Closure Criteria.

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

Sincerely,
NTG Environmental

Ethan Sessums
Project Manager

Attachments:

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

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Yates to Kaiser Line
Pilot Water Solutions
Lea County, New Mexico

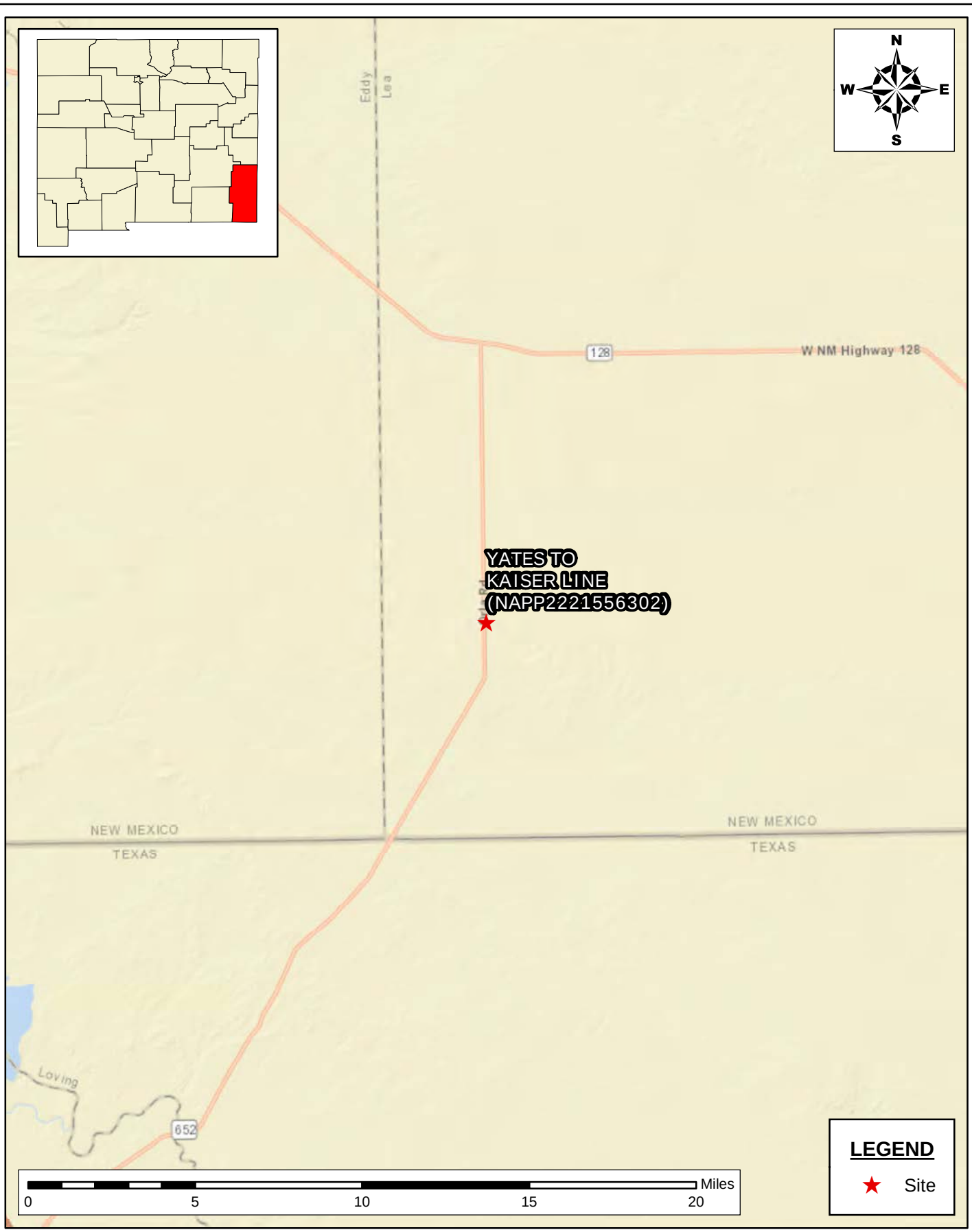
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure 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	7/16/2024	0 - 6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	**25.7**
	7/16/2024	1 - 1.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**17.9**
	7/16/2024	2 - 2.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	**17.8**
	7/16/2024	3 - 3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	**134**
	7/16/2024	4 - 4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**433**
S - 2	7/16/2024	0 - 6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	**21.2**
	7/16/2024	1 - 1.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	**16.3**
	7/16/2024	2 - 2.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	**58.5**
	7/16/2024	3 - 3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.6	<49.6	<49.6	<49.6	<49.6	**5.31**
	7/16/2024	4 - 4.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	**7.44**
S - 3	7/16/2024	0 - 6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	**81.1**	**81.1**	<50.0	**81.1**	**136**
	7/16/2024	1 - 1.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.5	<49.5	<49.5	<49.5	<49.5	**77.4**
	7/16/2024	2 - 2.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	**84.8**
	7/16/2024	3 - 3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**36.9**
	7/16/2024	4 - 4.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	**40.1**
S - 4	7/16/2024	0 - 6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.1	<50.0	<50.0	**15.9**
	7/16/2024	1 - 1.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	**74.4**
	7/16/2024	2 - 2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	**20.6**
	7/16/2024	3 - 3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	**33.4**
	7/16/2024	4 - 4.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	<49.7	<49.7	<49.7	<49.7	**44.6**
S - 5	7/16/2024	0 - 6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	**35.2**
	7/16/2024	1 - 1.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**91.5**
	7/16/2024	2 - 2.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.1	<50.0	<50.0	**75.9**
	7/16/2024	3 - 3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	**63**
	7/16/2024	4 - 4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**53.5**
Horizontal Delineation Samples													
H-1	7/16/2024	0 - 6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.9	<49.8	<49.8	<4.98
H-2	7/16/2024	0 - 6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.1	<50.0	<50.0	**7.06**
H-3	7/16/2024	0 - 6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.9	<49.8	<49.8	**19.9**
H-4	7/16/2024	0 - 6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	**330**	**330**	<50.0	**330**	**3,870**
H-5	7/16/2024	0 - 6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.7	**120**	**120**	<49.7	**120**	**181**
H-6	7/16/2024	0 - 6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	**5.12**
H-7	7/16/2024	0 - 6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	<49.7	<49.7	<49.7	<49.7	**43.9**
H-8	7/16/2024	0 - 6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	**27.1**

Notes:
1. Values reported in mg/kg
5. TPH analyses by EPA Method SW 8015 Mod.

2.< = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B
~~SP-1~~ Sample Point Excavated

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



SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
PILOT WATER SOLUTIONS
YATES TO KAISER LINE
LEA COUNTY, NEW MEXICO

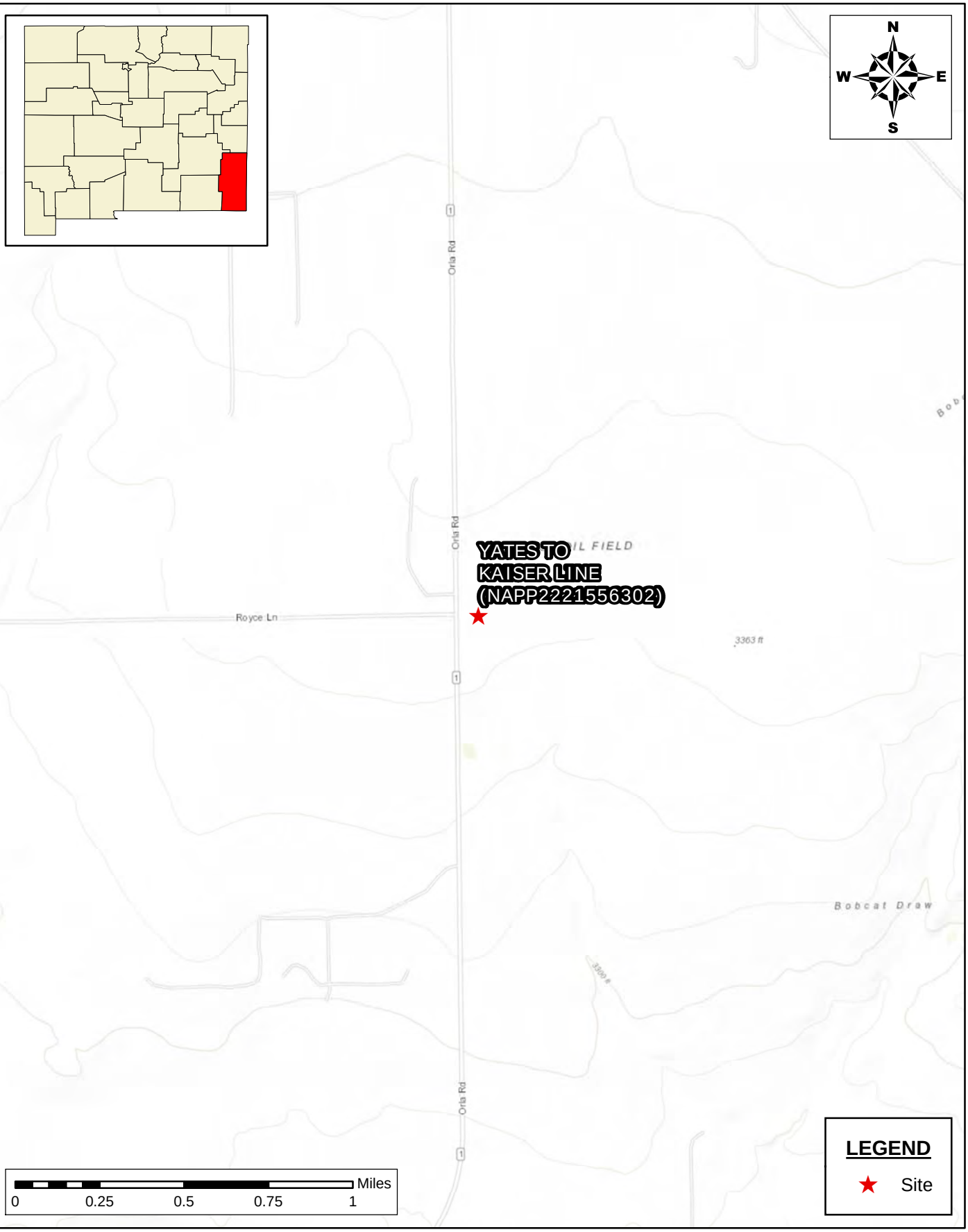
SCALE: As Shown | Date: 6/6/2024 | PROJECT #:248763

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

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

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2024 PROJECTS\PILOT WATER SOLUTIONS\248763 - Yates To Kaiser Line\7- Figures\GIS\Figure_1_SL.mxd



TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION WORKKPLAN
PILOT WATER SOLUTIONS
YATES TO KAISER LINE
LEA COUNTY, NEW MEXICO

SCALE: As Shown	Date: 6/6/2024	PROJECT #:248763

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NOTES:
1. Base Image: ESRI Maps & Data 2013
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FIGURE 2
SHEET NUMBER:
1 of 1

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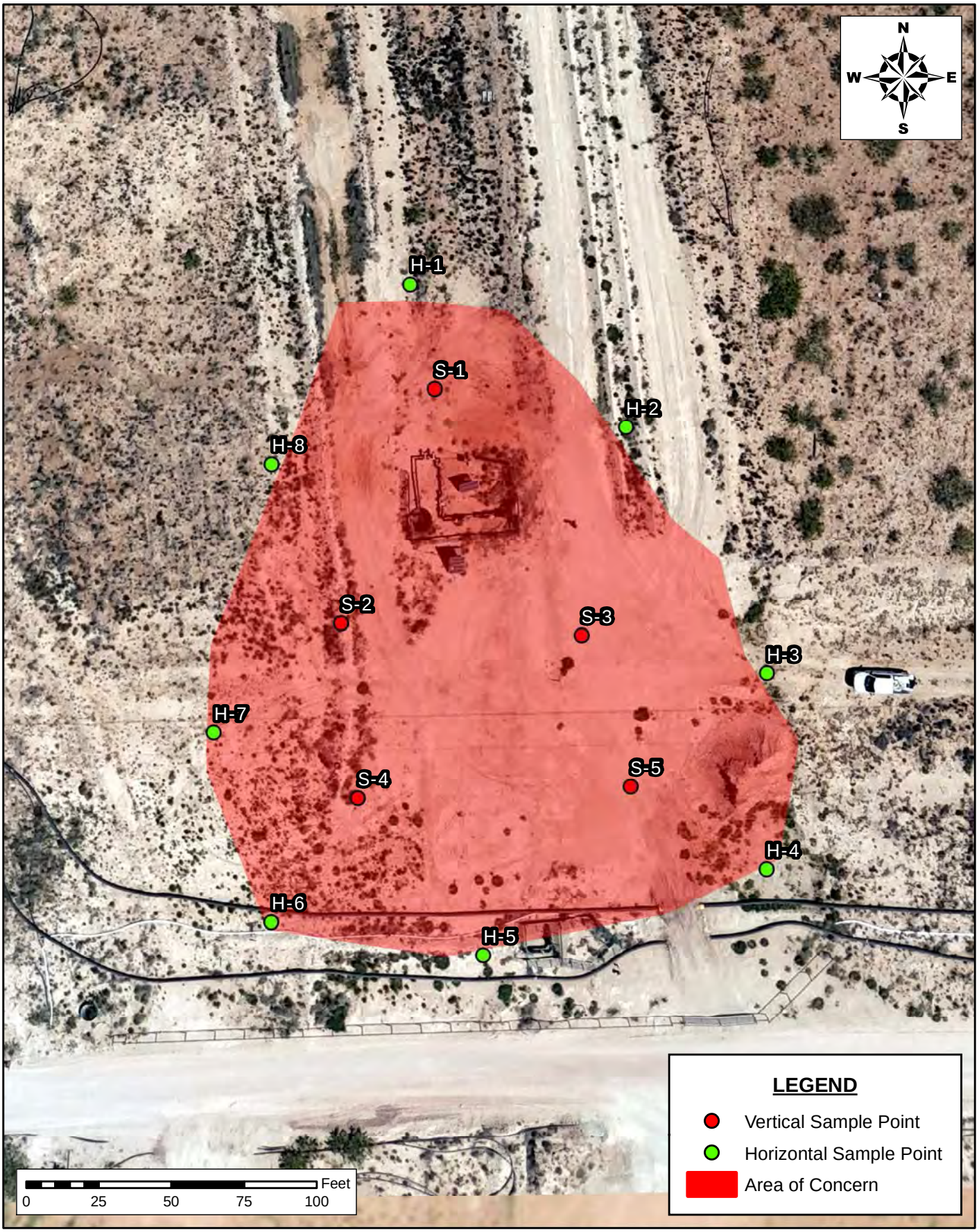

INITIAL ASSESSMENT MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
PILOT WATER SOLUTIONS
YATES TO KAISER LINE
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 7/25/2024 | PROJECT #:248763

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

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FIGURE 3
SHEET NUMBER:
1 of 1

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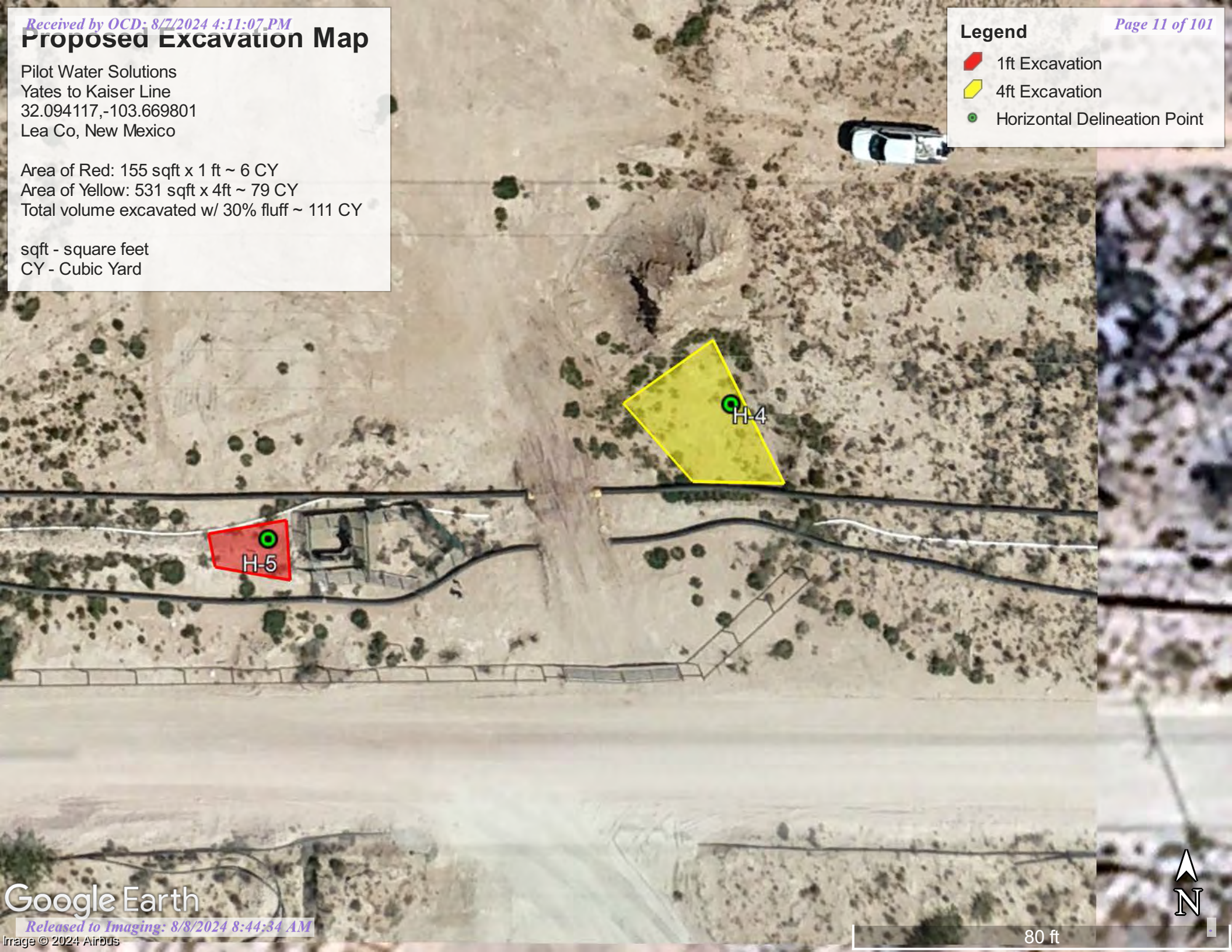
Proposed Excavation Map

Pilot Water Solutions
Yates to Kaiser Line
32.094117,-103.669801
Lea Co, New Mexico

Area of Red: 155 sqft x 1 ft ~ 6 CY
Area of Yellow: 531 sqft x 4ft ~ 79 CY
Total volume excavated w/ 30% fluff ~ 111 CY

sqft - square feet
CY - Cubic Yard



SITE CHARACTERIZATION DOCUMENTATION

NMOCD Closure Criteria

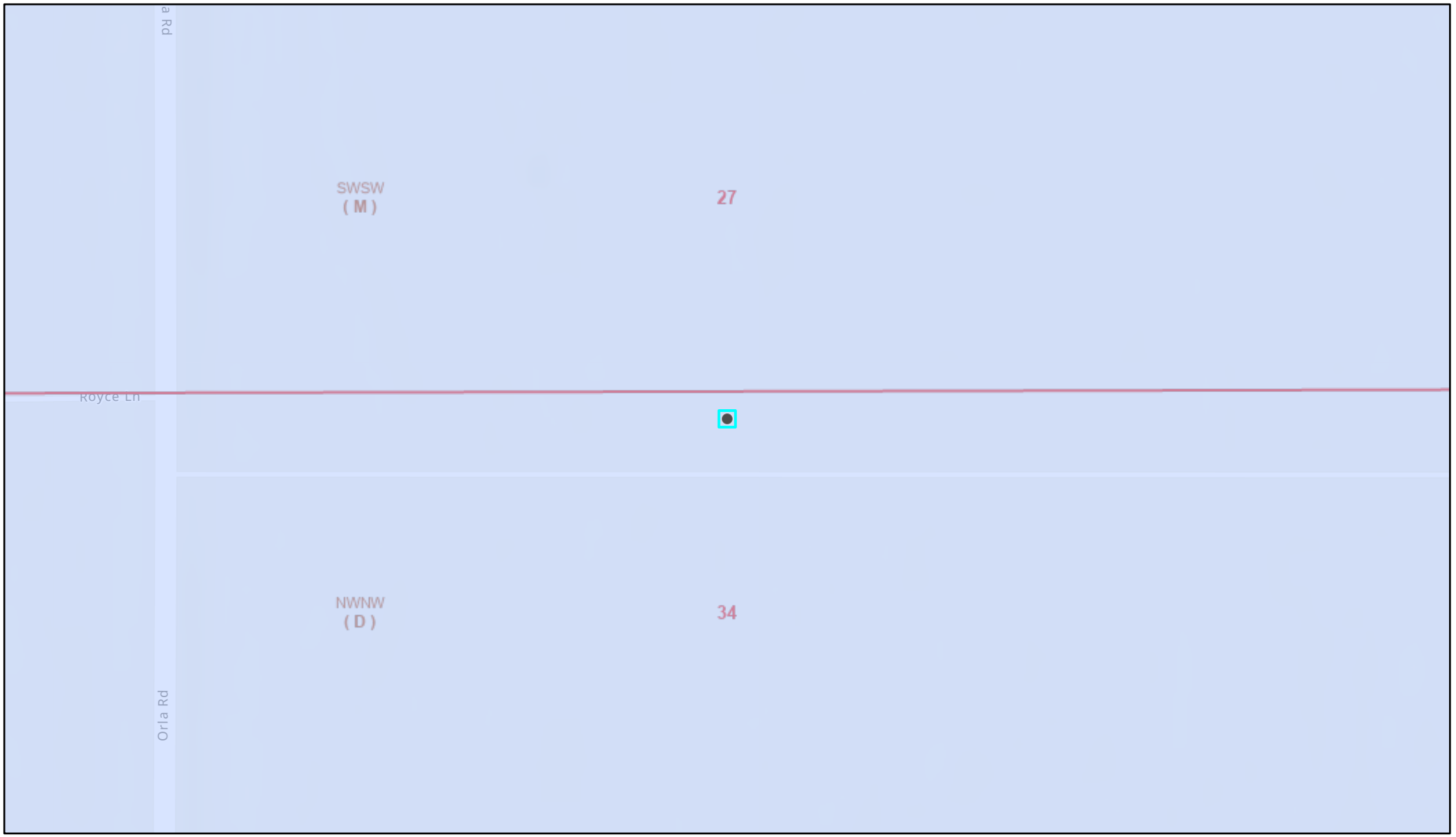
Yates to Kaiser Line

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**	**in yes, then**				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No					
<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		600	100		50	10
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

Karst Potential Map



5/31/2024, 12:54:32 PM

Karst Occurrence Potential

Low

PLSS Second Division

PLSS First Division

1:1,128

0 0.01 0.01 0.03 mi

0 0.01 0.03 0.05 km

BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Oil Conservation Division of the New Mexico Energy,

New Mexico Oil Conservation Division

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

OSE POD Location Map

5/31/2024, 12:49:19 PM

Override 1

OSE District Boundary

Water Right Regulations

Closure Area

Artesian Planning Area

New Mexico State Trust Lands

Both Estates

NHD Flowlines

Stream River

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

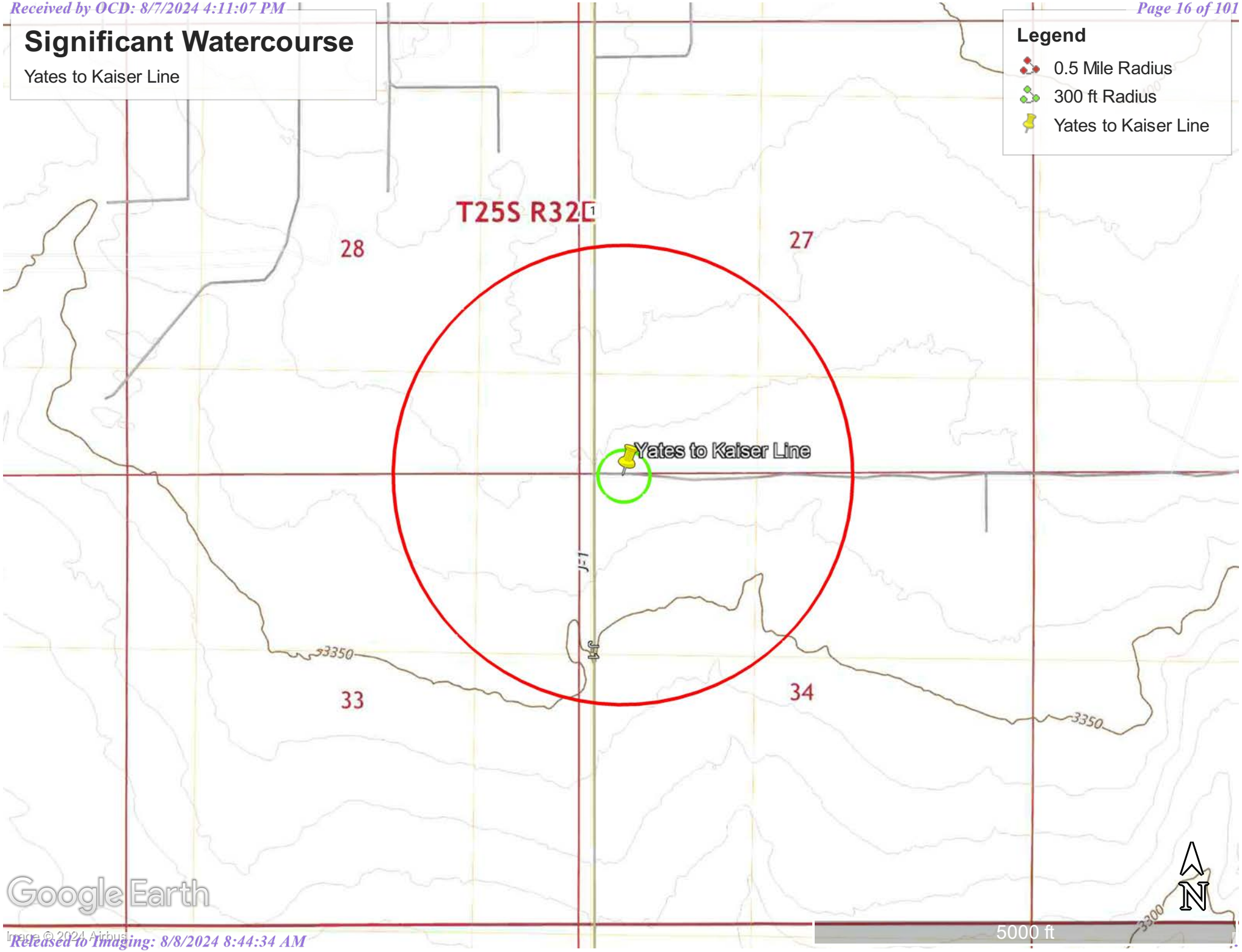
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.

Significant Watercourse

Yates to Kaiser Line



National Flood Hazard Layer FIRMette

FEMA

103°40'30"W 32°5'54"N

103°39'53"W 32°5'24"N

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

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

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

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

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

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

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/31/2024 at 1:45 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.

U.S. Fish and Wildlife Service
National Wetlands Inventory

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.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Pilot Water Solutions
Yates to Kaiser Line

Photograph No. 1

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Area of Concern.

Photograph No. 2

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Area of Concern.

Photograph No. 3

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Area of Concern.

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/23/2024 11:14:25 AM

JOB DESCRIPTION

YATES TO KAISER LINE
248763

JOB NUMBER

890-6939-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Job Notes

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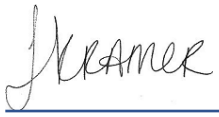
Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Client: NT Global
Project/Site: YATES TO KAISER LINE

Laboratory Job ID: 890-6939-1
SDG: 248763

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Definitions/Glossary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

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

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

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

Receipt
The samples were received on 7/16/2024 2:21 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S - 1 (890-6939-1), S - 1 (890-6939-2), S - 1 (890-6939-3), S - 1 (890-6939-4), S - 1 (890-6939-5), S - 2 (890-6939-6), S - 2 (890-6939-7), S - 2 (890-6939-8), S - 2 (890-6939-9), S - 2 (890-6939-10), S - 3 (890-6939-11), S - 3 (890-6939-12), S - 3 (890-6939-13), S - 3 (890-6939-14), S - 3 (890-6939-15), S - 4 (890-6939-16), S - 4 (890-6939-17), S - 4 (890-6939-18), S - 4 (890-6939-19), S - 4 (890-6939-20), S - 5 (890-6939-21), S - 5 (890-6939-22), S - 5 (890-6939-23), S - 5 (890-6939-24), S - 5 (890-6939-25), H - 1 (890-6939-26), H - 2 (890-6939-27), H - 3 (890-6939-28), H - 4 (890-6939-29), H - 5 (890-6939-30), H - 6 (890-6939-31), H - 7 (890-6939-32) and H - 8 (890-6939-33).

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

Diesel Range Organics
Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: H - 2 (890-6939-27), H - 4 (890-6939-29), H - 6 (890-6939-31), H - 7 (890-6939-32), H - 8 (890-6939-33), (CCV 880-86000/30) and (CCV 880-86000/6). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 880-86000 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H - 5 (890-6939-30), (890-6939-A-27-B MS) and (890-6939-A-27-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S - 1 (890-6939-1), S - 1 (890-6939-2), S - 1 (890-6939-5), S - 2 (890-6939-6), (CCV 880-86002/32) and (CCV 880-86002/6). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-85892 and analytical batch 880-86002 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S - 1 (890-6939-3) and S - 1 (890-6939-4). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-86002 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). 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 880-86002/21).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-85905 and

Case Narrative

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analytical batch 880-86228 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: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S - 3 (890-6939-14) and S - 5 (890-6939-24). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S - 4 (890-6939-18), S - 4 (890-6939-19), S - 5 (890-6939-21) and H - 1 (890-6939-26). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-85905 and analytical batch 880-86228 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-86228 recovered above the upper control limit for Diesel Range Organics (Over C10-C28), 1-Chlorooctane and o-Terphenyl. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-86228/32) and (CCV 880-86228/6).

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 Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-85973 and analytical batch 880-86056 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.

The associated sample is: S - 1 (890-6939-1).

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-85974 and analytical batch 880-86069 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.

The associated samples are: S - 5 (890-6939-22), S - 5 (890-6939-23), S - 5 (890-6939-24), S - 5 (890-6939-25), H - 1 (890-6939-26), H - 2 (890-6939-27), H - 3 (890-6939-28), H - 4 (890-6939-29), H - 5 (890-6939-30), H - 6 (890-6939-31), (890-6939-A-22-D MS) and (890-6939-A-22-E MSD).

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-85975 and analytical batch 880-86092 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.

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
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Client Sample ID: S - 1

Lab Sample ID: 890-6939-1
Matrix: Solid
Date Collected: 07/16/24 09:00
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:32	07/17/24 14:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:32	07/17/24 14:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:32	07/17/24 14:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/24 09:32	07/17/24 14:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:32	07/17/24 14:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/24 09:32	07/17/24 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/17/24 09:32*	*07/17/24 14:04*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 14:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/17/24 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/17/24 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/16/24 15:08	07/17/24 21:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/16/24 15:08	07/17/24 21:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/16/24 15:08	07/17/24 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*55*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 21:59*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 21:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.7**		4.99		mg/Kg			07/19/24 09:22	1

Client Sample ID: S - 1

Lab Sample ID: 890-6939-2
Matrix: Solid
Date Collected: 07/16/24 09:03
Date Received: 07/16/24 14:21
Sample Depth: 1 - 1.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 14:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 14:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 14:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 14:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 14:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/17/24 09:32*	*07/17/24 14:24*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
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Client Sample ID: S - 1

Lab Sample ID: 890-6939-2
Matrix: Solid
Date Collected: 07/16/24 09:03
Date Received: 07/16/24 14:21
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*	*07/17/24 09:32*	*07/17/24 14:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/17/24 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/17/24 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 22:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 22:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*55*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 22:15*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.9**		4.98		mg/Kg			07/19/24 09:29	1

Client Sample ID: S - 1

Lab Sample ID: 890-6939-3
Matrix: Solid
Date Collected: 07/16/24 09:06
Date Received: 07/16/24 14:21
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		07/17/24 09:32	07/17/24 14:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 14:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 14:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 14:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 14:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/17/24 09:32*	*07/17/24 14:45*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 14:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 14:45	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			07/17/24 22:30	1

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Client: NT Global
Project/Site: YATES TO KAISER LINE

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Client Sample ID: S - 1

Lab Sample ID: 890-6939-3
Matrix: Solid
Date Collected: 07/16/24 09:06
Date Received: 07/16/24 14:21
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	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 22:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 22:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*63*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 22:30*	*1*
o-Terphenyl	*73*		*70 - 130*	*07/16/24 15:08*	*07/17/24 22:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.8**		4.97		mg/Kg			07/19/24 09:49	1

Client Sample ID: S - 1

Lab Sample ID: 890-6939-4
Matrix: Solid
Date Collected: 07/16/24 09:09
Date Received: 07/16/24 14:21
Sample Depth: 3 - 3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:32	07/17/24 15:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:32	07/17/24 15:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:32	07/17/24 15:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/17/24 09:32	07/17/24 15:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:32	07/17/24 15:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/17/24 09:32	07/17/24 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/17/24 09:32*	*07/17/24 15:05*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*07/17/24 09:32*	*07/17/24 15:05*	*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			07/17/24 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/17/24 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/16/24 15:08	07/17/24 22:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/16/24 15:08	07/17/24 22:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/16/24 15:08	07/17/24 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*62*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 22:46*	*1*
o-Terphenyl	*71*		*70 - 130*	*07/16/24 15:08*	*07/17/24 22:46*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 1
Lab Sample ID: 890-6939-4
Matrix: Solid
Date Collected: 07/16/24 09:09
Date Received: 07/16/24 14:21
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	134		5.02		mg/Kg			07/19/24 09:56	1

Client Sample ID: S - 1
Lab Sample ID: 890-6939-5
Matrix: Solid
Date Collected: 07/16/24 09:12
Date Received: 07/16/24 14:21
Sample Depth: 4 - 4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 15:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 15:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 15:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 15:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 15:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/17/24 09:32*	*07/17/24 15:25*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 15:25*	*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			07/17/24 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/17/24 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 23:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 23:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*55*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 23:01*	*1*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 23:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	433		5.05		mg/Kg			07/19/24 11:25	1

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 2

Lab Sample ID: 890-6939-6
Matrix: Solid
Date Collected: 07/16/24 09:15
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:32	07/17/24 16:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 16:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 16:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 16:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 16:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/17/24 09:32*	*07/17/24 16:59*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 16:59*	*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			07/17/24 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/17/24 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 23:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 23:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:08	07/17/24 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*55*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 23:16*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*07/16/24 15:08*	*07/17/24 23:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.2**		5.02		mg/Kg			07/19/24 11:31	1

Client Sample ID: S - 2

Lab Sample ID: 890-6939-7
Matrix: Solid
Date Collected: 07/16/24 09:18
Date Received: 07/16/24 14:21
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		07/17/24 09:32	07/17/24 17:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:32	07/17/24 17:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:32	07/17/24 17:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/17/24 09:32	07/17/24 17:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:32	07/17/24 17:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/17/24 09:32	07/17/24 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/17/24 09:32*	*07/17/24 17:20*	*1*

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Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 2

Lab Sample ID: 890-6939-7
Matrix: Solid
Date Collected: 07/16/24 09:18
Date Received: 07/16/24 14:21
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*	*07/17/24 09:32*	*07/17/24 17:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/17/24 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/24 12:25	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 *1	49.9		mg/Kg		07/16/24 15:48	07/22/24 12:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		07/16/24 15:48	07/22/24 12:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/16/24 15:48	07/22/24 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*07/16/24 15:48*	*07/22/24 12:25*	*1*
o-Terphenyl	*82*		*70 - 130*	*07/16/24 15:48*	*07/22/24 12:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.3**		5.00		mg/Kg			07/19/24 11:38	1

Client Sample ID: S - 2

Lab Sample ID: 890-6939-8
Matrix: Solid
Date Collected: 07/16/24 09:21
Date Received: 07/16/24 14:21
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		07/17/24 09:32	07/17/24 17:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 17:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 17:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 17:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 17:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/17/24 09:32*	*07/17/24 17:40*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/17/24 09:32*	*07/17/24 17:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 13:11	1

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Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 2

Lab Sample ID: 890-6939-8
Matrix: Solid
Date Collected: 07/16/24 09:21
Date Received: 07/16/24 14:21
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	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 13:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 13:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:11*	*1*
o-Terphenyl	*82*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.5**		5.04		mg/Kg			07/19/24 11:45	1

Client Sample ID: S - 2

Lab Sample ID: 890-6939-9
Matrix: Solid
Date Collected: 07/16/24 09:24
Date Received: 07/16/24 14:21
Sample Depth: 3 - 3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:32	07/17/24 18:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:32	07/17/24 18:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:32	07/17/24 18:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/24 09:32	07/17/24 18:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:32	07/17/24 18:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/24 09:32	07/17/24 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/17/24 09:32*	*07/17/24 18:01*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 18:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/17/24 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			07/22/24 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *1	49.6		mg/Kg		07/16/24 15:48	07/22/24 13:26	1
Diesel Range Organics (Over C10-C28)	<49.6	U *1	49.6		mg/Kg		07/16/24 15:48	07/22/24 13:26	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/16/24 15:48	07/22/24 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:26*	*1*
o-Terphenyl	*96*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:26*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 2

Lab Sample ID: 890-6939-9
Matrix: Solid
Date Collected: 07/16/24 09:24
Date Received: 07/16/24 14:21
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	5.31		4.96		mg/Kg			07/19/24 11:52	1

Client Sample ID: S - 2

Lab Sample ID: 890-6939-10
Matrix: Solid
Date Collected: 07/16/24 09:27
Date Received: 07/16/24 14:21
Sample Depth: 4 - 4.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 18:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 18:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 18:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 18:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 18:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/17/24 09:32*	*07/17/24 18:21*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 18:21*	*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			07/17/24 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 13:40	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 *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 13:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 13:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:40*	*1*
o-Terphenyl	*97*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.44		5.02		mg/Kg			07/19/24 11:59	1

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 3

Lab Sample ID: 890-6939-11
Matrix: Solid

Date Collected: 07/16/24 09:30
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:32	07/17/24 18:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 18:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 18:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 18:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 18:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/17/24 09:32*	*07/17/24 18:42*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 18:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/17/24 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**81.1**		50.0		mg/Kg			07/22/24 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/16/24 15:48	07/22/24 13:55	1
Diesel Range Organics (Over C10-C28)	**81.1**	***1**	50.0		mg/Kg		07/16/24 15:48	07/22/24 13:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:48	07/22/24 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:55*	*1*
o-Terphenyl	*85*		*70 - 130*	*07/16/24 15:48*	*07/22/24 13:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		4.96		mg/Kg			07/19/24 12:06	1

Client Sample ID: S - 3

Lab Sample ID: 890-6939-12
Matrix: Solid

Date Collected: 07/16/24 09:33
Date Received: 07/16/24 14:21
Sample Depth: 1 - 1.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 19:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 19:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 19:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 19:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 19:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/17/24 09:32*	*07/17/24 19:02*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 3

Lab Sample ID: 890-6939-12
Matrix: Solid
Date Collected: 07/16/24 09:33
Date Received: 07/16/24 14:21
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*	*07/17/24 09:32*	*07/17/24 19:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			07/22/24 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U *1	49.5		mg/Kg		07/16/24 15:48	07/22/24 14:10	1
Diesel Range Organics (Over C10-C28)	<49.5	U *1	49.5		mg/Kg		07/16/24 15:48	07/22/24 14:10	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		07/16/24 15:48	07/22/24 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*07/16/24 15:48*	*07/22/24 14:10*	*1*
o-Terphenyl	*79*		*70 - 130*	*07/16/24 15:48*	*07/22/24 14:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77.4**		5.02		mg/Kg			07/19/24 12:17	1

Client Sample ID: S - 3

Lab Sample ID: 890-6939-13
Matrix: Solid
Date Collected: 07/16/24 09:36
Date Received: 07/16/24 14:21
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		07/17/24 09:32	07/17/24 19:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 19:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 19:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 19:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:32	07/17/24 19:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:32	07/17/24 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/17/24 09:32*	*07/17/24 19:22*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 19:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/24 14:24	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 3

Lab Sample ID: 890-6939-13
Matrix: Solid
Date Collected: 07/16/24 09:36
Date Received: 07/16/24 14:21
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	<49.9	U *1	49.9		mg/Kg		07/16/24 15:48	07/22/24 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		07/16/24 15:48	07/22/24 14:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/16/24 15:48	07/22/24 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*07/16/24 15:48*	*07/22/24 14:24*	*1*
o-Terphenyl	*82*		*70 - 130*	*07/16/24 15:48*	*07/22/24 14:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.8**		4.96		mg/Kg			07/19/24 13:04	1

Client Sample ID: S - 3

Lab Sample ID: 890-6939-14
Matrix: Solid
Date Collected: 07/16/24 09:39
Date Received: 07/16/24 14:21
Sample Depth: 3 - 3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 19:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 19:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 19:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 19:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 19:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:32	07/17/24 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/17/24 09:32*	*07/17/24 19:43*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 19:43*	*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			07/17/24 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 14:40	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 *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 14:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 14:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*52*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 14:40*	*1*
o-Terphenyl	*55*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 14:40*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 3

Lab Sample ID: 890-6939-14
Matrix: Solid
Date Collected: 07/16/24 09:39
Date Received: 07/16/24 14:21
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	36.9		5.02		mg/Kg			07/19/24 13:10	1

Client Sample ID: S - 3

Lab Sample ID: 890-6939-15
Matrix: Solid
Date Collected: 07/16/24 09:42
Date Received: 07/16/24 14:21
Sample Depth: 4 - 4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 20:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 20:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 20:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 20:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 20:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/17/24 09:32*	*07/17/24 20:03*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:32*	*07/17/24 20:03*	*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			07/17/24 20:03	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			07/22/24 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 14:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 14:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*07/16/24 15:48*	*07/22/24 14:54*	*1*
o-Terphenyl	*106*		*70 - 130*	*07/16/24 15:48*	*07/22/24 14:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.1		4.97		mg/Kg			07/19/24 13:15	1

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 4

Lab Sample ID: 890-6939-16
Matrix: Solid
Date Collected: 07/16/24 09:45
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 12:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 12:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 12:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 12:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 12:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*07/17/24 09:43*	*07/17/24 12:29*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*07/17/24 09:43*	*07/17/24 12:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/22/24 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		07/16/24 15:48	07/22/24 15:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		07/16/24 15:48	07/22/24 15:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:48	07/22/24 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*07/16/24 15:48*	*07/22/24 15:09*	*1*
o-Terphenyl	*87*		*70 - 130*	*07/16/24 15:48*	*07/22/24 15:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.9**		4.98		mg/Kg			07/19/24 13:20	1

Client Sample ID: S - 4

Lab Sample ID: 890-6939-17
Matrix: Solid
Date Collected: 07/16/24 09:48
Date Received: 07/16/24 14:21
Sample Depth: 1 - 1.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/17/24 09:43*	*07/17/24 12:50*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 4

Lab Sample ID: 890-6939-17
Matrix: Solid
Date Collected: 07/16/24 09:48
Date Received: 07/16/24 14:21
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*	*07/17/24 09:43*	*07/17/24 12:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/17/24 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/22/24 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		07/16/24 15:48	07/22/24 15:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		07/16/24 15:48	07/22/24 15:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/16/24 15:48	07/22/24 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*07/16/24 15:48*	*07/22/24 15:39*	*1*
o-Terphenyl	*115*		*70 - 130*	*07/16/24 15:48*	*07/22/24 15:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.4**		5.02		mg/Kg			07/19/24 13:36	1

Client Sample ID: S - 4

Lab Sample ID: 890-6939-18
Matrix: Solid
Date Collected: 07/16/24 09:51
Date Received: 07/16/24 14:21
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		07/17/24 09:43	07/17/24 13:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 13:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 13:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/24 09:43	07/17/24 13:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 13:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/24 09:43	07/17/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*07/17/24 09:43*	*07/17/24 13:11*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/17/24 09:43*	*07/17/24 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/17/24 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 15:53	1

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Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 4

Lab Sample ID: 890-6939-18
Matrix: Solid
Date Collected: 07/16/24 09:51
Date Received: 07/16/24 14:21
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	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 15:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 15:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 15:53*	*1*
o-Terphenyl	*79*		*70 - 130*	*07/16/24 15:48*	*07/22/24 15:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.6**		5.02		mg/Kg			07/19/24 13:41	1

Client Sample ID: S - 4

Lab Sample ID: 890-6939-19
Matrix: Solid
Date Collected: 07/16/24 09:54
Date Received: 07/16/24 14:21
Sample Depth: 3 - 3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 13:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 13:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 13:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/17/24 09:43	07/17/24 13:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 13:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/17/24 09:43	07/17/24 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/17/24 09:43*	*07/17/24 13:31*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*07/17/24 09:43*	*07/17/24 13:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/17/24 13:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 16:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 16:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*69*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 16:10*	*1*
o-Terphenyl	*79*		*70 - 130*	*07/16/24 15:48*	*07/22/24 16:10*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 4

Lab Sample ID: 890-6939-19
Matrix: Solid
Date Collected: 07/16/24 09:54
Date Received: 07/16/24 14:21
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	33.4		5.03		mg/Kg			07/19/24 13:47	1

Client Sample ID: S - 4

Lab Sample ID: 890-6939-20
Matrix: Solid
Date Collected: 07/16/24 09:57
Date Received: 07/16/24 14:21
Sample Depth: 4 - 4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 13:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 13:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 13:52	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 13:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 13:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/17/24 09:43*	*07/17/24 13:52*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*07/17/24 09:43*	*07/17/24 13:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/22/24 16:25	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	<49.7	U *1	49.7		mg/Kg		07/16/24 15:48	07/22/24 16:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		07/16/24 15:48	07/22/24 16:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/16/24 15:48	07/22/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*07/16/24 15:48*	*07/22/24 16:25*	*1*
o-Terphenyl	*98*		*70 - 130*	*07/16/24 15:48*	*07/22/24 16:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		5.05		mg/Kg			07/19/24 13:52	1

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 5

Lab Sample ID: 890-6939-21
Matrix: Solid
Date Collected: 07/16/24 10:00
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 14:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 14:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 14:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/24 09:43	07/17/24 14:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 14:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/24 09:43	07/17/24 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/17/24 09:43*	*07/17/24 14:12*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*07/17/24 09:43*	*07/17/24 14:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/17/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/22/24 16:40	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	<49.7	U *1	49.7		mg/Kg		07/16/24 15:48	07/22/24 16:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		07/16/24 15:48	07/22/24 16:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/16/24 15:48	07/22/24 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*65*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 16:40*	*1*
o-Terphenyl	*73*		*70 - 130*	*07/16/24 15:48*	*07/22/24 16:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.2**		4.98		mg/Kg			07/19/24 13:57	1

Client Sample ID: S - 5

Lab Sample ID: 890-6939-22
Matrix: Solid
Date Collected: 07/16/24 10:03
Date Received: 07/16/24 14:21
Sample Depth: 1 - 1.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 14:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 14:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 14:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 14:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 14:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/17/24 09:43*	*07/17/24 14:33*	*1*

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Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 5

Lab Sample ID: 890-6939-22
Matrix: Solid
Date Collected: 07/16/24 10:03
Date Received: 07/16/24 14:21
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)	*83*		*70 - 130*	*07/17/24 09:43*	*07/17/24 14:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/17/24 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 16:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 16:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 16:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*07/16/24 15:48*	*07/22/24 16:55*	*1*
o-Terphenyl	*89*		*70 - 130*	*07/16/24 15:48*	*07/22/24 16:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.5**	**F1**	4.98		mg/Kg			07/19/24 14:02	1

Client Sample ID: S - 5

Lab Sample ID: 890-6939-23
Matrix: Solid
Date Collected: 07/16/24 10:06
Date Received: 07/16/24 14:21
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		07/17/24 09:43	07/17/24 14:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 14:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 14:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 14:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 14:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*07/17/24 09:43*	*07/17/24 14:54*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:43*	*07/17/24 14:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/22/24 17:09	1

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Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 5

Lab Sample ID: 890-6939-23
Matrix: Solid
Date Collected: 07/16/24 10:06
Date Received: 07/16/24 14:21
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 *1	50.0		mg/Kg		07/16/24 15:48	07/22/24 17:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		07/16/24 15:48	07/22/24 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:48	07/22/24 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*07/16/24 15:48*	*07/22/24 17:09*	*1*
o-Terphenyl	*87*		*70 - 130*	*07/16/24 15:48*	*07/22/24 17:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.9**		5.02		mg/Kg			07/19/24 14:18	1

Client Sample ID: S - 5

Lab Sample ID: 890-6939-24
Matrix: Solid
Date Collected: 07/16/24 10:09
Date Received: 07/16/24 14:21
Sample Depth: 3 - 3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 15:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 15:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 15:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/17/24 09:43	07/17/24 15:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 15:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/17/24 09:43	07/17/24 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/17/24 09:43*	*07/17/24 15:14*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*07/17/24 09:43*	*07/17/24 15:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/17/24 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/24 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		07/16/24 15:48	07/22/24 17:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		07/16/24 15:48	07/22/24 17:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/16/24 15:48	07/22/24 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*60*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 17:25*	*1*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 17:25*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 5

Lab Sample ID: 890-6939-24
Matrix: Solid
Date Collected: 07/16/24 10:09
Date Received: 07/16/24 14:21
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	63.0		4.96		mg/Kg			07/19/24 14:23	1

Client Sample ID: S - 5

Lab Sample ID: 890-6939-25
Matrix: Solid
Date Collected: 07/16/24 10:12
Date Received: 07/16/24 14:21
Sample Depth: 4 - 4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 15:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 15:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 15:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 15:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 15:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*07/17/24 09:43*	*07/17/24 15:35*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/17/24 09:43*	*07/17/24 15:35*	*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			07/17/24 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 17:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 17:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*07/16/24 15:48*	*07/22/24 17:40*	*1*
o-Terphenyl	*85*		*70 - 130*	*07/16/24 15:48*	*07/22/24 17:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.5		4.97		mg/Kg			07/19/24 14:39	1

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 1

Lab Sample ID: 890-6939-26
Matrix: Solid
Date Collected: 07/16/24 10:15
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 17:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/24 09:43	07/17/24 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 17:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/24 09:43	07/17/24 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*07/17/24 09:43*	*07/17/24 17:01*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/17/24 09:43*	*07/17/24 17:01*	*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			07/17/24 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/24 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 17:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		07/16/24 15:48	07/22/24 17:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:48	07/22/24 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*68*	*S1-*	*70 - 130*	*07/16/24 15:48*	*07/22/24 17:54*	*1*
o-Terphenyl	*77*		*70 - 130*	*07/16/24 15:48*	*07/22/24 17:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			07/19/24 14:44	1

Client Sample ID: H - 2

Lab Sample ID: 890-6939-27
Matrix: Solid
Date Collected: 07/16/24 10:18
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 17:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 17:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 17:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/17/24 09:43	07/17/24 17:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/17/24 09:43	07/17/24 17:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/17/24 09:43	07/17/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*07/17/24 09:43*	*07/17/24 17:21*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 2

Lab Sample ID: 890-6939-27
Matrix: Solid
Date Collected: 07/16/24 10:18
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/17/24 09:43*	*07/17/24 17:21*	*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			07/17/24 17:21	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			07/17/24 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		07/16/24 15:53	07/17/24 17:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		07/16/24 15:53	07/17/24 17:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:53	07/17/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*57*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 17:42*	*1*
o-Terphenyl	*51*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 17:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.06**		5.02		mg/Kg			07/19/24 14:49	1

Client Sample ID: H - 3

Lab Sample ID: 890-6939-28
Matrix: Solid
Date Collected: 07/16/24 10:21
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 17:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 17:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 17:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 17:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 17:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*07/17/24 09:43*	*07/17/24 17:42*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/17/24 09:43*	*07/17/24 17:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/17/24 19:44	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 3

Lab Sample ID: 890-6939-28
Matrix: Solid
Date Collected: 07/16/24 10:21
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

Method: SW846 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		07/16/24 15:53	07/17/24 19:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/16/24 15:53	07/17/24 19:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:53	07/17/24 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*07/16/24 15:53*	*07/17/24 19:44*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/16/24 15:53*	*07/17/24 19:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.9**		5.01		mg/Kg			07/19/24 14:55	1

Client Sample ID: H - 4

Lab Sample ID: 890-6939-29
Matrix: Solid
Date Collected: 07/16/24 10:24
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 18:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 18:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 18:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/24 09:43	07/17/24 18:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/24 09:43	07/17/24 18:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/24 09:43	07/17/24 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*07/17/24 09:43*	*07/17/24 18:03*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*07/17/24 09:43*	*07/17/24 18:03*	*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			07/17/24 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**330**		50.0		mg/Kg			07/17/24 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/16/24 15:53	07/17/24 19:58	1
Diesel Range Organics (Over C10-C28)	**330**		50.0		mg/Kg		07/16/24 15:53	07/17/24 19:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:53	07/17/24 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*66*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 19:58*	*1*
o-Terphenyl	*65*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 19:58*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 4

Lab Sample ID: 890-6939-29
Matrix: Solid
Date Collected: 07/16/24 10:24
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3870**		25.2		mg/Kg			07/19/24 15:00	5

Client Sample ID: H - 5

Lab Sample ID: 890-6939-30
Matrix: Solid
Date Collected: 07/16/24 10:24
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 18:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 18:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 18:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/24 09:43	07/17/24 18:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 18:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/24 09:43	07/17/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/17/24 09:43*	*07/17/24 18:23*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*07/17/24 09:43*	*07/17/24 18:23*	*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			07/17/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**120**		49.7		mg/Kg			07/17/24 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:13	1
Diesel Range Organics (Over C10-C28)	**120**		49.7		mg/Kg		07/16/24 15:53	07/17/24 20:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*07/16/24 15:53*	*07/17/24 20:13*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 20:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**		5.02		mg/Kg			07/19/24 15:05	1

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 6

Lab Sample ID: 890-6939-31
Matrix: Solid

Date Collected: 07/16/24 10:30
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 18:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 18:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 18:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 18:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 18:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/24 09:43	07/17/24 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*07/17/24 09:43*	*07/17/24 18:44*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*07/17/24 09:43*	*07/17/24 18:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/17/24 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/17/24 20:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*66*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 20:28*	*1*
o-Terphenyl	*59*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 20:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.12**		5.05		mg/Kg			07/19/24 15:10	1

Client Sample ID: H - 7

Lab Sample ID: 890-6939-32
Matrix: Solid

Date Collected: 07/16/24 10:33
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 19:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 19:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 19:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 19:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 19:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/17/24 09:43*	*07/17/24 19:04*	*1*

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 7

Lab Sample ID: 890-6939-32
Matrix: Solid

Date Collected: 07/16/24 10:33
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*07/17/24 09:43*	*07/17/24 19:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/17/24 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/16/24 15:53	07/17/24 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*66*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 20:59*	*1*
o-Terphenyl	*59*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 20:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.9**		4.95		mg/Kg			07/20/24 00:15	1

Client Sample ID: H - 8

Lab Sample ID: 890-6939-33
Matrix: Solid

Date Collected: 07/16/24 10:36
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

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		07/17/24 09:43	07/17/24 19:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 19:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 19:25	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 19:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/24 09:43	07/17/24 19:25	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/24 09:43	07/17/24 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*07/17/24 09:43*	*07/17/24 19:25*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*07/17/24 09:43*	*07/17/24 19:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/24 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/17/24 21:14	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 8

Date Collected: 07/16/24 10:36
Date Received: 07/16/24 14:21
Sample Depth: 0 - 6"

Lab Sample ID: 890-6939-33

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		07/16/24 15:53	07/17/24 21:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/16/24 15:53	07/17/24 21:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/16/24 15:53	07/17/24 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*58*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 21:14*	*1*
o-Terphenyl	*51*	*S1-*	*70 - 130*	*07/16/24 15:53*	*07/17/24 21:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.1**		4.95		mg/Kg			07/20/24 00:20	1

Surrogate Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
885-7930-A-12-D MS	Matrix Spike	110	92
885-7930-A-12-E MSD	Matrix Spike Duplicate	107	91
890-6939-1	S - 1	115	89
890-6939-2	S - 1	115	89
890-6939-3	S - 1	114	89
890-6939-4	S - 1	111	79
890-6939-5	S - 1	115	89
890-6939-6	S - 2	116	89
890-6939-7	S - 2	113	89
890-6939-8	S - 2	115	90
890-6939-9	S - 2	117	89
890-6939-10	S - 2	115	89
890-6939-11	S - 3	118	89
890-6939-12	S - 3	115	89
890-6939-13	S - 3	118	89
890-6939-14	S - 3	114	89
890-6939-15	S - 3	115	89
890-6939-16	S - 4	86	80
890-6939-16 MS	S - 4	92	97
890-6939-16 MSD	S - 4	98	96
890-6939-17	S - 4	91	81
890-6939-18	S - 4	81	87
890-6939-19	S - 4	88	78
890-6939-20	S - 4	87	79
890-6939-21	S - 5	90	80
890-6939-22	S - 5	90	83
890-6939-23	S - 5	81	89
890-6939-24	S - 5	94	82
890-6939-25	S - 5	81	87
890-6939-26	H - 1	81	88
890-6939-27	H - 2	81	89
890-6939-28	H - 3	80	85
890-6939-29	H - 4	83	74
890-6939-30	H - 5	88	75
890-6939-31	H - 6	85	78
890-6939-32	H - 7	91	79
890-6939-33	H - 8	83	82
LCS 880-85936/1-A	Lab Control Sample	110	91
LCS 880-85944/1-A	Lab Control Sample	107	101
LCSD 880-85936/2-A	Lab Control Sample Dup	110	93
LCSD 880-85944/2-A	Lab Control Sample Dup	96	107
MB 880-85936/5-A	Method Blank	112	85
MB 880-85944/5-A	Method Blank	70	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: NT Global
Job ID: 890-6939-1
Project/Site: YATES TO KAISER LINE
SDG: 248763

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
885-8019-A-2-B MS	Matrix Spike	74	74								
885-8019-A-2-C MSD	Matrix Spike Duplicate	74	75								
890-6939-1	S - 1	55 S1-	63 S1-								
890-6939-2	S - 1	55 S1-	66 S1-								
890-6939-3	S - 1	63 S1-	73								
890-6939-4	S - 1	62 S1-	71								
890-6939-5	S - 1	55 S1-	65 S1-								
890-6939-6	S - 2	55 S1-	63 S1-								
890-6939-7	S - 2	71	82								
890-6939-7 MS	S - 2	81	84								
890-6939-7 MSD	S - 2	87	88								
890-6939-8	S - 2	74	82								
890-6939-9	S - 2	88	96								
890-6939-10	S - 2	90	97								
890-6939-11	S - 3	71	85								
890-6939-12	S - 3	74	79								
890-6939-13	S - 3	78	82								
890-6939-14	S - 3	52 S1-	55 S1-								
890-6939-15	S - 3	90	106								
890-6939-16	S - 4	78	87								
890-6939-17	S - 4	99	115								
890-6939-18	S - 4	69 S1-	79								
890-6939-19	S - 4	69 S1-	79								
890-6939-20	S - 4	83	98								
890-6939-21	S - 5	65 S1-	73								
890-6939-22	S - 5	78	89								
890-6939-23	S - 5	80	87								
890-6939-24	S - 5	60 S1-	65 S1-								
890-6939-25	S - 5	74	85								
890-6939-26	H - 1	68 S1-	77								
890-6939-27	H - 2	57 S1-	51 S1-								
890-6939-27 MS	H - 2	70	56 S1-								
890-6939-27 MSD	H - 2	72	57 S1-								
890-6939-28	H - 3	100	88								
890-6939-29	H - 4	66 S1-	65 S1-								
890-6939-30	H - 5	71	66 S1-								
890-6939-31	H - 6	66 S1-	59 S1-								
890-6939-32	H - 7	66 S1-	59 S1-								
890-6939-33	H - 8	58 S1-	51 S1-								
LCS 880-85892/2-A	Lab Control Sample	106	110								
LCS 880-85905/2-A	Lab Control Sample	116	120								
LCS 880-85906/2-A	Lab Control Sample	110	95								
LCSD 880-85892/3-A	Lab Control Sample Dup	94	99								
LCSD 880-85905/3-A	Lab Control Sample Dup	85	89								
LCSD 880-85906/3-A	Lab Control Sample Dup	110	96								
MB 880-85892/1-A	Method Blank	97	119								
MB 880-85905/1-A	Method Blank	91	110								
MB 880-85906/1-A	Method Blank	110	107								

Surrogate Legend

Surrogate Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-85936/5-A
Matrix: Solid
Analysis Batch: 85929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 12:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:32	07/17/24 12:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/24 09:32	07/17/24 12:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/17/24 09:32*	*07/17/24 12:00*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/17/24 09:32*	*07/17/24 12:00*	*1*

Lab Sample ID: LCS 880-85936/1-A
Matrix: Solid
Analysis Batch: 85929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09687		mg/Kg		97	70 - 130
Toluene	0.100	0.09336		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08970		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1933		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09888		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-85936/2-A
Matrix: Solid
Analysis Batch: 85929

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1064		mg/Kg		106	70 - 130	9	35
Toluene	0.100	0.1006		mg/Kg		101	70 - 130	7	35
Ethylbenzene	0.100	0.09744		mg/Kg		97	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2159		mg/Kg		108	70 - 130	11	35
o-Xylene	0.100	0.1075		mg/Kg		108	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 885-7930-A-12-D MS
Matrix: Solid
Analysis Batch: 85929

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 85936

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1015		mg/Kg		102	70 - 130
Toluene	<0.00202	U	0.100	0.09573		mg/Kg		96	70 - 130

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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

Lab Sample ID: 885-7930-A-12-D MS
Matrix: Solid
Analysis Batch: 85929

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 85936

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.09308		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2064		mg/Kg		103	70 - 130
o-Xylene	<0.00202	U	0.100	0.1033		mg/Kg		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 885-7930-A-12-E MSD
Matrix: Solid
Analysis Batch: 85929

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 85936

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.1011		mg/Kg		101	70 - 130	0	35
Toluene	<0.00202	U	0.100	0.09533		mg/Kg		95	70 - 130	0	35
Ethylbenzene	<0.00202	U	0.100	0.09248		mg/Kg		92	70 - 130	1	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2036		mg/Kg		102	70 - 130	1	35
o-Xylene	<0.00202	U	0.100	0.1015		mg/Kg		102	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 880-85944/5-A
Matrix: Solid
Analysis Batch: 85928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85944

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/24 09:43	07/17/24 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/24 09:43	07/17/24 12:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/24 09:43	07/17/24 12:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*70 - 130*	*07/17/24 09:43*	*07/17/24 12:07*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/17/24 09:43*	*07/17/24 12:07*	*1*

Lab Sample ID: LCS 880-85944/1-A
Matrix: Solid
Analysis Batch: 85928

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85944

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09848		mg/Kg		98	70 - 130
Toluene	0.100	0.09284		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.1221		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	0.200	0.2316		mg/Kg		116	70 - 130

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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

Lab Sample ID: LCS 880-85944/1-A
Matrix: Solid
Analysis Batch: 85928

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85944

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1082		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-85944/2-A
Matrix: Solid
Analysis Batch: 85928

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85944

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1035		mg/Kg		104	70 - 130	5	35
Toluene			0.100	0.1072		mg/Kg		107	70 - 130	14	35
Ethylbenzene			0.100	0.1235		mg/Kg		124	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2286		mg/Kg		114	70 - 130	1	35
o-Xylene			0.100	0.1058		mg/Kg		106	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 890-6939-16 MS
Matrix: Solid
Analysis Batch: 85928

Client Sample ID: S - 4
Prep Type: Total/NA
Prep Batch: 85944

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.100	0.09228		mg/Kg		92	70 - 130		
Toluene	<0.00202	U	0.100	0.09978		mg/Kg		100	70 - 130		
Ethylbenzene	<0.00202	U	0.100	0.1114		mg/Kg		111	70 - 130		
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2036		mg/Kg		102	70 - 130		
o-Xylene	<0.00202	U	0.100	0.09436		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-6939-16 MSD
Matrix: Solid
Analysis Batch: 85928

Client Sample ID: S - 4
Prep Type: Total/NA
Prep Batch: 85944

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08512		mg/Kg		85	70 - 130	8	35
Toluene	<0.00202	U	0.100	0.09095		mg/Kg		91	70 - 130	9	35
Ethylbenzene	<0.00202	U	0.100	0.1014		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1864		mg/Kg		93	70 - 130	9	35
o-Xylene	<0.00202	U	0.100	0.08654		mg/Kg		87	70 - 130	9	35

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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

Lab Sample ID: 890-6939-16 MSD
Matrix: Solid
Analysis Batch: 85928

Client Sample ID: S - 4
Prep Type: Total/NA
Prep Batch: 85944

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

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

Lab Sample ID: MB 880-85892/1-A
Matrix: Solid
Analysis Batch: 86002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85892

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		07/16/24 15:08	07/17/24 11:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/16/24 15:08	07/17/24 11:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:08	07/17/24 11:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	07/16/24 15:08	07/17/24 11:46	1
o-Terphenyl	119		70 - 130	07/16/24 15:08	07/17/24 11:46	1

Lab Sample ID: LCS 880-85892/2-A
Matrix: Solid
Analysis Batch: 86002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85892

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	909.8		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	989.2		mg/Kg		99	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-85892/3-A
Matrix: Solid
Analysis Batch: 86002

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85892

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	802.3		mg/Kg		80	70 - 130	13	20
Diesel Range Organics (Over C10-C28)			1000	869.5		mg/Kg		87	70 - 130	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	99		70 - 130

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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

Lab Sample ID: 885-8019-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86002 — **Prep Batch: 85892**

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	995	699.9		mg/Kg		70	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	669.9	F1	mg/Kg		67	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*74*		*70 - 130*

Lab Sample ID: 885-8019-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86002 — **Prep Batch: 85892**

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	995	699.6		mg/Kg		70	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	658.7	F1	mg/Kg		66	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: MB 880-85905/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86228 — **Prep Batch: 85905**

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		07/16/24 15:48	07/22/24 08:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/16/24 15:48	07/22/24 08:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:48	07/22/24 08:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/16/24 15:48*	*07/22/24 08:59*	*1*
o-Terphenyl	*110*		*70 - 130*	*07/16/24 15:48*	*07/22/24 08:59*	*1*

Lab Sample ID: LCS 880-85905/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86228 — **Prep Batch: 85905**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	973.3		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1100		mg/Kg		110	70 - 130

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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

Lab Sample ID: LCS 880-85905/2-A
Matrix: Solid
Analysis Batch: 86228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85905

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: LCSD 880-85905/3-A
Matrix: Solid
Analysis Batch: 86228

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85905

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	764.4	*1	mg/Kg		76	70 - 130	24	20
Diesel Range Organics (Over C10-C28)			1000	779.6	*1	mg/Kg		78	70 - 130	34	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 890-6939-7 MS
Matrix: Solid
Analysis Batch: 86228

Client Sample ID: S - 2
Prep Type: Total/NA
Prep Batch: 85905

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	995	694.5		mg/Kg		70	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	995	724.6		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: 890-6939-7 MSD
Matrix: Solid
Analysis Batch: 86228

Client Sample ID: S - 2
Prep Type: Total/NA
Prep Batch: 85905

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	995	723.9		mg/Kg		73	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	995	757.8		mg/Kg		76	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	88		70 - 130

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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

Lab Sample ID: MB 880-85906/1-A
Matrix: Solid
Analysis Batch: 86000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85906

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		07/16/24 15:53	07/17/24 11:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/16/24 15:53	07/17/24 11:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/16/24 15:53	07/17/24 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*07/16/24 15:53*	*07/17/24 11:46*	*1*
o-Terphenyl	*107*		*70 - 130*	*07/16/24 15:53*	*07/17/24 11:46*	*1*

Lab Sample ID: LCS 880-85906/2-A
Matrix: Solid
Analysis Batch: 86000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85906

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1005		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	943.0		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: LCSD 880-85906/3-A
Matrix: Solid
Analysis Batch: 86000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85906

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	885.9		mg/Kg		89	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: 890-6939-27 MS
Matrix: Solid
Analysis Batch: 86000

Client Sample ID: H - 2
Prep Type: Total/NA
Prep Batch: 85906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	997	631.7	F1	mg/Kg		63	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	607.7	F1	mg/Kg		61	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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

Lab Sample ID: 890-6939-27 MS
Matrix: Solid
Analysis Batch: 86000

Client Sample ID: H - 2
Prep Type: Total/NA
Prep Batch: 85906

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	70		70 - 130
o-Terphenyl	56	S1-	70 - 130

Lab Sample ID: 890-6939-27 MSD
Matrix: Solid
Analysis Batch: 86000

Client Sample ID: H - 2
Prep Type: Total/NA
Prep Batch: 85906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	997	645.8	F1	mg/Kg		65	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	627.5	F1	mg/Kg		63	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	57	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-85973/1-A
Matrix: Solid
Analysis Batch: 86056

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			07/19/24 07:33	1

Lab Sample ID: LCS 880-85973/2-A
Matrix: Solid
Analysis Batch: 86056

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.0		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-85973/3-A
Matrix: Solid
Analysis Batch: 86056

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	233.4		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 890-6939-2 MS
Matrix: Solid
Analysis Batch: 86056

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	17.9		249	251.8		mg/Kg		94	90 - 110

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-6939-2 MSD
Matrix: Solid
Analysis Batch: 86056

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 Limit
Chloride	17.9		249	252.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-85974/1-A
Matrix: Solid
Analysis Batch: 86069

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			07/19/24 11:04	1

Lab Sample ID: LCS 880-85974/2-A
Matrix: Solid
Analysis Batch: 86069

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-85974/3-A
Matrix: Solid
Analysis Batch: 86069

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	245.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-6939-12 MS
Matrix: Solid
Analysis Batch: 86069

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	77.4		251	347.7		mg/Kg		108	90 - 110

Lab Sample ID: 890-6939-12 MSD
Matrix: Solid
Analysis Batch: 86069

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	77.4		251	348.9		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 890-6939-22 MS
Matrix: Solid
Analysis Batch: 86069

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	91.5	F1	249	368.7	F1	mg/Kg		111	90 - 110

Lab Sample ID: 890-6939-22 MSD
Matrix: Solid
Analysis Batch: 86069

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	91.5	F1	250	369.7	F1	mg/Kg		111	90 - 110	0	20

QC Sample Results

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-85975/1-A
Matrix: Solid
Analysis Batch: 86092

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			07/19/24 21:43	1

Lab Sample ID: LCS 880-85975/2-A
Matrix: Solid
Analysis Batch: 86092

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.2		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-85975/3-A
Matrix: Solid
Analysis Batch: 86092

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	243.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-45839-A-26-B MS
Matrix: Solid
Analysis Batch: 86092

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	8520	F1	2500	12780	F1	mg/Kg		171	90 - 110		

Lab Sample ID: 880-45839-A-26-C MSD
Matrix: Solid
Analysis Batch: 86092

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8520	F1	2500	12790	F1	mg/Kg		171	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

GC VOA

Analysis Batch: 85928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-16	S - 4	Total/NA	Solid	8021B	85944
890-6939-17	S - 4	Total/NA	Solid	8021B	85944
890-6939-18	S - 4	Total/NA	Solid	8021B	85944
890-6939-19	S - 4	Total/NA	Solid	8021B	85944
890-6939-20	S - 4	Total/NA	Solid	8021B	85944
890-6939-21	S - 5	Total/NA	Solid	8021B	85944
890-6939-22	S - 5	Total/NA	Solid	8021B	85944
890-6939-23	S - 5	Total/NA	Solid	8021B	85944
890-6939-24	S - 5	Total/NA	Solid	8021B	85944
890-6939-25	S - 5	Total/NA	Solid	8021B	85944
890-6939-26	H - 1	Total/NA	Solid	8021B	85944
890-6939-27	H - 2	Total/NA	Solid	8021B	85944
890-6939-28	H - 3	Total/NA	Solid	8021B	85944
890-6939-29	H - 4	Total/NA	Solid	8021B	85944
890-6939-30	H - 5	Total/NA	Solid	8021B	85944
890-6939-31	H - 6	Total/NA	Solid	8021B	85944
890-6939-32	H - 7	Total/NA	Solid	8021B	85944
890-6939-33	H - 8	Total/NA	Solid	8021B	85944
MB 880-85944/5-A	Method Blank	Total/NA	Solid	8021B	85944
LCS 880-85944/1-A	Lab Control Sample	Total/NA	Solid	8021B	85944
LCSD 880-85944/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	85944
890-6939-16 MS	S - 4	Total/NA	Solid	8021B	85944
890-6939-16 MSD	S - 4	Total/NA	Solid	8021B	85944

Analysis Batch: 85929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Total/NA	Solid	8021B	85936
890-6939-2	S - 1	Total/NA	Solid	8021B	85936
890-6939-3	S - 1	Total/NA	Solid	8021B	85936
890-6939-4	S - 1	Total/NA	Solid	8021B	85936
890-6939-5	S - 1	Total/NA	Solid	8021B	85936
890-6939-6	S - 2	Total/NA	Solid	8021B	85936
890-6939-7	S - 2	Total/NA	Solid	8021B	85936
890-6939-8	S - 2	Total/NA	Solid	8021B	85936
890-6939-9	S - 2	Total/NA	Solid	8021B	85936
890-6939-10	S - 2	Total/NA	Solid	8021B	85936
890-6939-11	S - 3	Total/NA	Solid	8021B	85936
890-6939-12	S - 3	Total/NA	Solid	8021B	85936
890-6939-13	S - 3	Total/NA	Solid	8021B	85936
890-6939-14	S - 3	Total/NA	Solid	8021B	85936
890-6939-15	S - 3	Total/NA	Solid	8021B	85936
MB 880-85936/5-A	Method Blank	Total/NA	Solid	8021B	85936
LCS 880-85936/1-A	Lab Control Sample	Total/NA	Solid	8021B	85936
LCSD 880-85936/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	85936
885-7930-A-12-D MS	Matrix Spike	Total/NA	Solid	8021B	85936
885-7930-A-12-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	85936

Prep Batch: 85936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Total/NA	Solid	5035	
890-6939-2	S - 1	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

GC VOA (Continued)

Prep Batch: 85936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-3	S - 1	Total/NA	Solid	5035	
890-6939-4	S - 1	Total/NA	Solid	5035	
890-6939-5	S - 1	Total/NA	Solid	5035	
890-6939-6	S - 2	Total/NA	Solid	5035	
890-6939-7	S - 2	Total/NA	Solid	5035	
890-6939-8	S - 2	Total/NA	Solid	5035	
890-6939-9	S - 2	Total/NA	Solid	5035	
890-6939-10	S - 2	Total/NA	Solid	5035	
890-6939-11	S - 3	Total/NA	Solid	5035	
890-6939-12	S - 3	Total/NA	Solid	5035	
890-6939-13	S - 3	Total/NA	Solid	5035	
890-6939-14	S - 3	Total/NA	Solid	5035	
890-6939-15	S - 3	Total/NA	Solid	5035	
MB 880-85936/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-85936/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-85936/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
885-7930-A-12-D MS	Matrix Spike	Total/NA	Solid	5035	
885-7930-A-12-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 85944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-16	S - 4	Total/NA	Solid	5035	
890-6939-17	S - 4	Total/NA	Solid	5035	
890-6939-18	S - 4	Total/NA	Solid	5035	
890-6939-19	S - 4	Total/NA	Solid	5035	
890-6939-20	S - 4	Total/NA	Solid	5035	
890-6939-21	S - 5	Total/NA	Solid	5035	
890-6939-22	S - 5	Total/NA	Solid	5035	
890-6939-23	S - 5	Total/NA	Solid	5035	
890-6939-24	S - 5	Total/NA	Solid	5035	
890-6939-25	S - 5	Total/NA	Solid	5035	
890-6939-26	H - 1	Total/NA	Solid	5035	
890-6939-27	H - 2	Total/NA	Solid	5035	
890-6939-28	H - 3	Total/NA	Solid	5035	
890-6939-29	H - 4	Total/NA	Solid	5035	
890-6939-30	H - 5	Total/NA	Solid	5035	
890-6939-31	H - 6	Total/NA	Solid	5035	
890-6939-32	H - 7	Total/NA	Solid	5035	
890-6939-33	H - 8	Total/NA	Solid	5035	
MB 880-85944/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-85944/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-85944/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6939-16 MS	S - 4	Total/NA	Solid	5035	
890-6939-16 MSD	S - 4	Total/NA	Solid	5035	

Analysis Batch: 85986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Total/NA	Solid	Total BTEX	
890-6939-2	S - 1	Total/NA	Solid	Total BTEX	
890-6939-3	S - 1	Total/NA	Solid	Total BTEX	
890-6939-4	S - 1	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

GC VOA (Continued)

Analysis Batch: 85986 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-5	S - 1	Total/NA	Solid	Total BTEX	
890-6939-6	S - 2	Total/NA	Solid	Total BTEX	
890-6939-7	S - 2	Total/NA	Solid	Total BTEX	
890-6939-8	S - 2	Total/NA	Solid	Total BTEX	
890-6939-9	S - 2	Total/NA	Solid	Total BTEX	
890-6939-10	S - 2	Total/NA	Solid	Total BTEX	
890-6939-11	S - 3	Total/NA	Solid	Total BTEX	
890-6939-12	S - 3	Total/NA	Solid	Total BTEX	
890-6939-13	S - 3	Total/NA	Solid	Total BTEX	
890-6939-14	S - 3	Total/NA	Solid	Total BTEX	
890-6939-15	S - 3	Total/NA	Solid	Total BTEX	
890-6939-16	S - 4	Total/NA	Solid	Total BTEX	
890-6939-17	S - 4	Total/NA	Solid	Total BTEX	
890-6939-18	S - 4	Total/NA	Solid	Total BTEX	
890-6939-19	S - 4	Total/NA	Solid	Total BTEX	
890-6939-20	S - 4	Total/NA	Solid	Total BTEX	
890-6939-21	S - 5	Total/NA	Solid	Total BTEX	
890-6939-22	S - 5	Total/NA	Solid	Total BTEX	
890-6939-23	S - 5	Total/NA	Solid	Total BTEX	
890-6939-24	S - 5	Total/NA	Solid	Total BTEX	
890-6939-25	S - 5	Total/NA	Solid	Total BTEX	
890-6939-26	H - 1	Total/NA	Solid	Total BTEX	
890-6939-27	H - 2	Total/NA	Solid	Total BTEX	
890-6939-28	H - 3	Total/NA	Solid	Total BTEX	
890-6939-29	H - 4	Total/NA	Solid	Total BTEX	
890-6939-30	H - 5	Total/NA	Solid	Total BTEX	
890-6939-31	H - 6	Total/NA	Solid	Total BTEX	
890-6939-32	H - 7	Total/NA	Solid	Total BTEX	
890-6939-33	H - 8	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 85892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Total/NA	Solid	8015NM Prep	
890-6939-2	S - 1	Total/NA	Solid	8015NM Prep	
890-6939-3	S - 1	Total/NA	Solid	8015NM Prep	
890-6939-4	S - 1	Total/NA	Solid	8015NM Prep	
890-6939-5	S - 1	Total/NA	Solid	8015NM Prep	
890-6939-6	S - 2	Total/NA	Solid	8015NM Prep	
MB 880-85892/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-85892/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-85892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-8019-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
885-8019-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 85905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-7	S - 2	Total/NA	Solid	8015NM Prep	
890-6939-8	S - 2	Total/NA	Solid	8015NM Prep	
890-6939-9	S - 2	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

GC Semi VOA (Continued)

Prep Batch: 85905 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-10	S - 2	Total/NA	Solid	8015NM Prep	
890-6939-11	S - 3	Total/NA	Solid	8015NM Prep	
890-6939-12	S - 3	Total/NA	Solid	8015NM Prep	
890-6939-13	S - 3	Total/NA	Solid	8015NM Prep	
890-6939-14	S - 3	Total/NA	Solid	8015NM Prep	
890-6939-15	S - 3	Total/NA	Solid	8015NM Prep	
890-6939-16	S - 4	Total/NA	Solid	8015NM Prep	
890-6939-17	S - 4	Total/NA	Solid	8015NM Prep	
890-6939-18	S - 4	Total/NA	Solid	8015NM Prep	
890-6939-19	S - 4	Total/NA	Solid	8015NM Prep	
890-6939-20	S - 4	Total/NA	Solid	8015NM Prep	
890-6939-21	S - 5	Total/NA	Solid	8015NM Prep	
890-6939-22	S - 5	Total/NA	Solid	8015NM Prep	
890-6939-23	S - 5	Total/NA	Solid	8015NM Prep	
890-6939-24	S - 5	Total/NA	Solid	8015NM Prep	
890-6939-25	S - 5	Total/NA	Solid	8015NM Prep	
890-6939-26	H - 1	Total/NA	Solid	8015NM Prep	
MB 880-85905/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-85905/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-85905/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6939-7 MS	S - 2	Total/NA	Solid	8015NM Prep	
890-6939-7 MSD	S - 2	Total/NA	Solid	8015NM Prep	

Prep Batch: 85906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-27	H - 2	Total/NA	Solid	8015NM Prep	
890-6939-28	H - 3	Total/NA	Solid	8015NM Prep	
890-6939-29	H - 4	Total/NA	Solid	8015NM Prep	
890-6939-30	H - 5	Total/NA	Solid	8015NM Prep	
890-6939-31	H - 6	Total/NA	Solid	8015NM Prep	
890-6939-32	H - 7	Total/NA	Solid	8015NM Prep	
890-6939-33	H - 8	Total/NA	Solid	8015NM Prep	
MB 880-85906/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-85906/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-85906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6939-27 MS	H - 2	Total/NA	Solid	8015NM Prep	
890-6939-27 MSD	H - 2	Total/NA	Solid	8015NM Prep	

Analysis Batch: 86000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-27	H - 2	Total/NA	Solid	8015B NM	85906
890-6939-28	H - 3	Total/NA	Solid	8015B NM	85906
890-6939-29	H - 4	Total/NA	Solid	8015B NM	85906
890-6939-30	H - 5	Total/NA	Solid	8015B NM	85906
890-6939-31	H - 6	Total/NA	Solid	8015B NM	85906
890-6939-32	H - 7	Total/NA	Solid	8015B NM	85906
890-6939-33	H - 8	Total/NA	Solid	8015B NM	85906
MB 880-85906/1-A	Method Blank	Total/NA	Solid	8015B NM	85906
LCS 880-85906/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	85906
LCSD 880-85906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	85906
890-6939-27 MS	H - 2	Total/NA	Solid	8015B NM	85906

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

GC Semi VOA (Continued)

Analysis Batch: 86000 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-27 MSD	H - 2	Total/NA	Solid	8015B NM	85906

Analysis Batch: 86002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Total/NA	Solid	8015B NM	85892
890-6939-2	S - 1	Total/NA	Solid	8015B NM	85892
890-6939-3	S - 1	Total/NA	Solid	8015B NM	85892
890-6939-4	S - 1	Total/NA	Solid	8015B NM	85892
890-6939-5	S - 1	Total/NA	Solid	8015B NM	85892
890-6939-6	S - 2	Total/NA	Solid	8015B NM	85892
MB 880-85892/1-A	Method Blank	Total/NA	Solid	8015B NM	85892
LCS 880-85892/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	85892
LCSD 880-85892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	85892
885-8019-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	85892
885-8019-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	85892

Analysis Batch: 86084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Total/NA	Solid	8015 NM	
890-6939-2	S - 1	Total/NA	Solid	8015 NM	
890-6939-3	S - 1	Total/NA	Solid	8015 NM	
890-6939-4	S - 1	Total/NA	Solid	8015 NM	
890-6939-5	S - 1	Total/NA	Solid	8015 NM	
890-6939-6	S - 2	Total/NA	Solid	8015 NM	
890-6939-7	S - 2	Total/NA	Solid	8015 NM	
890-6939-8	S - 2	Total/NA	Solid	8015 NM	
890-6939-9	S - 2	Total/NA	Solid	8015 NM	
890-6939-10	S - 2	Total/NA	Solid	8015 NM	
890-6939-11	S - 3	Total/NA	Solid	8015 NM	
890-6939-12	S - 3	Total/NA	Solid	8015 NM	
890-6939-13	S - 3	Total/NA	Solid	8015 NM	
890-6939-14	S - 3	Total/NA	Solid	8015 NM	
890-6939-15	S - 3	Total/NA	Solid	8015 NM	
890-6939-16	S - 4	Total/NA	Solid	8015 NM	
890-6939-17	S - 4	Total/NA	Solid	8015 NM	
890-6939-18	S - 4	Total/NA	Solid	8015 NM	
890-6939-19	S - 4	Total/NA	Solid	8015 NM	
890-6939-20	S - 4	Total/NA	Solid	8015 NM	
890-6939-21	S - 5	Total/NA	Solid	8015 NM	
890-6939-22	S - 5	Total/NA	Solid	8015 NM	
890-6939-23	S - 5	Total/NA	Solid	8015 NM	
890-6939-24	S - 5	Total/NA	Solid	8015 NM	
890-6939-25	S - 5	Total/NA	Solid	8015 NM	
890-6939-26	H - 1	Total/NA	Solid	8015 NM	
890-6939-27	H - 2	Total/NA	Solid	8015 NM	
890-6939-28	H - 3	Total/NA	Solid	8015 NM	
890-6939-29	H - 4	Total/NA	Solid	8015 NM	
890-6939-30	H - 5	Total/NA	Solid	8015 NM	
890-6939-31	H - 6	Total/NA	Solid	8015 NM	
890-6939-32	H - 7	Total/NA	Solid	8015 NM	
890-6939-33	H - 8	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

GC Semi VOA

Analysis Batch: 86228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-7	S - 2	Total/NA	Solid	8015B NM	85905
890-6939-8	S - 2	Total/NA	Solid	8015B NM	85905
890-6939-9	S - 2	Total/NA	Solid	8015B NM	85905
890-6939-10	S - 2	Total/NA	Solid	8015B NM	85905
890-6939-11	S - 3	Total/NA	Solid	8015B NM	85905
890-6939-12	S - 3	Total/NA	Solid	8015B NM	85905
890-6939-13	S - 3	Total/NA	Solid	8015B NM	85905
890-6939-14	S - 3	Total/NA	Solid	8015B NM	85905
890-6939-15	S - 3	Total/NA	Solid	8015B NM	85905
890-6939-16	S - 4	Total/NA	Solid	8015B NM	85905
890-6939-17	S - 4	Total/NA	Solid	8015B NM	85905
890-6939-18	S - 4	Total/NA	Solid	8015B NM	85905
890-6939-19	S - 4	Total/NA	Solid	8015B NM	85905
890-6939-20	S - 4	Total/NA	Solid	8015B NM	85905
890-6939-21	S - 5	Total/NA	Solid	8015B NM	85905
890-6939-22	S - 5	Total/NA	Solid	8015B NM	85905
890-6939-23	S - 5	Total/NA	Solid	8015B NM	85905
890-6939-24	S - 5	Total/NA	Solid	8015B NM	85905
890-6939-25	S - 5	Total/NA	Solid	8015B NM	85905
890-6939-26	H - 1	Total/NA	Solid	8015B NM	85905
MB 880-85905/1-A	Method Blank	Total/NA	Solid	8015B NM	85905
LCS 880-85905/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	85905
LCSD 880-85905/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	85905
890-6939-7 MS	S - 2	Total/NA	Solid	8015B NM	85905
890-6939-7 MSD	S - 2	Total/NA	Solid	8015B NM	85905

HPLC/IC

Leach Batch: 85973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Soluble	Solid	DI Leach	
890-6939-2	S - 1	Soluble	Solid	DI Leach	
890-6939-3	S - 1	Soluble	Solid	DI Leach	
890-6939-4	S - 1	Soluble	Solid	DI Leach	
890-6939-5	S - 1	Soluble	Solid	DI Leach	
890-6939-6	S - 2	Soluble	Solid	DI Leach	
890-6939-7	S - 2	Soluble	Solid	DI Leach	
890-6939-8	S - 2	Soluble	Solid	DI Leach	
890-6939-9	S - 2	Soluble	Solid	DI Leach	
890-6939-10	S - 2	Soluble	Solid	DI Leach	
890-6939-11	S - 3	Soluble	Solid	DI Leach	
MB 880-85973/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-85973/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-85973/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6939-2 MS	S - 1	Soluble	Solid	DI Leach	
890-6939-2 MSD	S - 1	Soluble	Solid	DI Leach	

Leach Batch: 85974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-12	S - 3	Soluble	Solid	DI Leach	
890-6939-13	S - 3	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

HPLC/IC (Continued)

Leach Batch: 85974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-14	S - 3	Soluble	Solid	DI Leach	
890-6939-15	S - 3	Soluble	Solid	DI Leach	
890-6939-16	S - 4	Soluble	Solid	DI Leach	
890-6939-17	S - 4	Soluble	Solid	DI Leach	
890-6939-18	S - 4	Soluble	Solid	DI Leach	
890-6939-19	S - 4	Soluble	Solid	DI Leach	
890-6939-20	S - 4	Soluble	Solid	DI Leach	
890-6939-21	S - 5	Soluble	Solid	DI Leach	
890-6939-22	S - 5	Soluble	Solid	DI Leach	
890-6939-23	S - 5	Soluble	Solid	DI Leach	
890-6939-24	S - 5	Soluble	Solid	DI Leach	
890-6939-25	S - 5	Soluble	Solid	DI Leach	
890-6939-26	H - 1	Soluble	Solid	DI Leach	
890-6939-27	H - 2	Soluble	Solid	DI Leach	
890-6939-28	H - 3	Soluble	Solid	DI Leach	
890-6939-29	H - 4	Soluble	Solid	DI Leach	
890-6939-30	H - 5	Soluble	Solid	DI Leach	
890-6939-31	H - 6	Soluble	Solid	DI Leach	
MB 880-85974/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-85974/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-85974/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6939-12 MS	S - 3	Soluble	Solid	DI Leach	
890-6939-12 MSD	S - 3	Soluble	Solid	DI Leach	
890-6939-22 MS	S - 5	Soluble	Solid	DI Leach	
890-6939-22 MSD	S - 5	Soluble	Solid	DI Leach	

Leach Batch: 85975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-32	H - 7	Soluble	Solid	DI Leach	
890-6939-33	H - 8	Soluble	Solid	DI Leach	
MB 880-85975/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-85975/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-85975/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-45839-A-26-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-45839-A-26-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 86056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-1	S - 1	Soluble	Solid	300.0	85973
890-6939-2	S - 1	Soluble	Solid	300.0	85973
890-6939-3	S - 1	Soluble	Solid	300.0	85973
890-6939-4	S - 1	Soluble	Solid	300.0	85973
890-6939-5	S - 1	Soluble	Solid	300.0	85973
890-6939-6	S - 2	Soluble	Solid	300.0	85973
890-6939-7	S - 2	Soluble	Solid	300.0	85973
890-6939-8	S - 2	Soluble	Solid	300.0	85973
890-6939-9	S - 2	Soluble	Solid	300.0	85973
890-6939-10	S - 2	Soluble	Solid	300.0	85973
890-6939-11	S - 3	Soluble	Solid	300.0	85973
MB 880-85973/1-A	Method Blank	Soluble	Solid	300.0	85973
LCS 880-85973/2-A	Lab Control Sample	Soluble	Solid	300.0	85973

QC Association Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

HPLC/IC (Continued)

Analysis Batch: 86056 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-85973/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	85973
890-6939-2 MS	S - 1	Soluble	Solid	300.0	85973
890-6939-2 MSD	S - 1	Soluble	Solid	300.0	85973

Analysis Batch: 86069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-12	S - 3	Soluble	Solid	300.0	85974
890-6939-13	S - 3	Soluble	Solid	300.0	85974
890-6939-14	S - 3	Soluble	Solid	300.0	85974
890-6939-15	S - 3	Soluble	Solid	300.0	85974
890-6939-16	S - 4	Soluble	Solid	300.0	85974
890-6939-17	S - 4	Soluble	Solid	300.0	85974
890-6939-18	S - 4	Soluble	Solid	300.0	85974
890-6939-19	S - 4	Soluble	Solid	300.0	85974
890-6939-20	S - 4	Soluble	Solid	300.0	85974
890-6939-21	S - 5	Soluble	Solid	300.0	85974
890-6939-22	S - 5	Soluble	Solid	300.0	85974
890-6939-23	S - 5	Soluble	Solid	300.0	85974
890-6939-24	S - 5	Soluble	Solid	300.0	85974
890-6939-25	S - 5	Soluble	Solid	300.0	85974
890-6939-26	H - 1	Soluble	Solid	300.0	85974
890-6939-27	H - 2	Soluble	Solid	300.0	85974
890-6939-28	H - 3	Soluble	Solid	300.0	85974
890-6939-29	H - 4	Soluble	Solid	300.0	85974
890-6939-30	H - 5	Soluble	Solid	300.0	85974
890-6939-31	H - 6	Soluble	Solid	300.0	85974
MB 880-85974/1-A	Method Blank	Soluble	Solid	300.0	85974
LCS 880-85974/2-A	Lab Control Sample	Soluble	Solid	300.0	85974
LCSD 880-85974/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	85974
890-6939-12 MS	S - 3	Soluble	Solid	300.0	85974
890-6939-12 MSD	S - 3	Soluble	Solid	300.0	85974
890-6939-22 MS	S - 5	Soluble	Solid	300.0	85974
890-6939-22 MSD	S - 5	Soluble	Solid	300.0	85974

Analysis Batch: 86092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6939-32	H - 7	Soluble	Solid	300.0	85975
890-6939-33	H - 8	Soluble	Solid	300.0	85975
MB 880-85975/1-A	Method Blank	Soluble	Solid	300.0	85975
LCS 880-85975/2-A	Lab Control Sample	Soluble	Solid	300.0	85975
LCSD 880-85975/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	85975
880-45839-A-26-B MS	Matrix Spike	Soluble	Solid	300.0	85975
880-45839-A-26-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	85975

Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 1
Date Collected: 07/16/24 09:00
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-1
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	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 14:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 21:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	85892	07/16/24 15:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86002	07/17/24 21:59	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 09:22	SMC	EET MID

Client Sample ID: S - 1
Date Collected: 07/16/24 09:03
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-2
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			5.01 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 22:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	85892	07/16/24 15:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86002	07/17/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 09:29	SMC	EET MID

Client Sample ID: S - 1
Date Collected: 07/16/24 09:06
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 14:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 14:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 22:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85892	07/16/24 15:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86002	07/17/24 22:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 09:49	SMC	EET MID

Client Sample ID: S - 1
Date Collected: 07/16/24 09:09
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 15:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 15:05	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 1
Date Collected: 07/16/24 09:09
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-4
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			86084	07/17/24 22:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	85892	07/16/24 15:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86002	07/17/24 22:46	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 09:56	SMC	EET MID

Client Sample ID: S - 1
Date Collected: 07/16/24 09:12
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 15:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 15:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 23:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85892	07/16/24 15:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86002	07/17/24 23:01	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 11:25	SMC	EET MID

Client Sample ID: S - 2
Date Collected: 07/16/24 09:15
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 16:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 23:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	85892	07/16/24 15:08	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86002	07/17/24 23:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 11:31	SMC	EET MID

Client Sample ID: S - 2
Date Collected: 07/16/24 09:18
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 17:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 12:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 12:25	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 2
Date Collected: 07/16/24 09:18
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-7
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	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 11:38	SMC	EET MID

Client Sample ID: S - 2
Date Collected: 07/16/24 09:21
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 17:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 13:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 13:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 11:45	SMC	EET MID

Client Sample ID: S - 2
Date Collected: 07/16/24 09:24
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 18:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 13:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 13:26	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 11:52	SMC	EET MID

Client Sample ID: S - 2
Date Collected: 07/16/24 09:27
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 18:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 13:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 13:40	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 11:59	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 3
Date Collected: 07/16/24 09:30
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 18:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 13:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 13:55	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	85973	07/17/24 13:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86056	07/19/24 12:06	SMC	EET MID

Client Sample ID: S - 3
Date Collected: 07/16/24 09:33
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-12
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			4.95 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 19:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 14:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 14:10	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 12:17	SMC	EET MID

Client Sample ID: S - 3
Date Collected: 07/16/24 09:36
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-13
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			4.95 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 19:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 14:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:04	SMC	EET MID

Client Sample ID: S - 3
Date Collected: 07/16/24 09:39
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-14
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			5.01 g	5 mL	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 19:43	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 3
Date Collected: 07/16/24 09:39
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-14
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			86084	07/22/24 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 14:40	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:10	SMC	EET MID

Client Sample ID: S - 3
Date Collected: 07/16/24 09:42
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-15
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	85936	07/17/24 09:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85929	07/17/24 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 20:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 14:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 14:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:15	SMC	EET MID

Client Sample ID: S - 4
Date Collected: 07/16/24 09:45
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 12:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 15:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 15:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:20	SMC	EET MID

Client Sample ID: S - 4
Date Collected: 07/16/24 09:48
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-17
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			5.01 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 12:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 15:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 15:39	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 4
Date Collected: 07/16/24 09:48
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:36	SMC	EET MID

Client Sample ID: S - 4
Date Collected: 07/16/24 09:51
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 15:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 15:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:41	SMC	EET MID

Client Sample ID: S - 4
Date Collected: 07/16/24 09:54
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 13:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 16:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 16:10	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:47	SMC	EET MID

Client Sample ID: S - 4
Date Collected: 07/16/24 09:57
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 13:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 16:25	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:52	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 5
Date Collected: 07/16/24 10:00
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-21
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			5.03 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 14:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 16:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 16:40	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 13:57	SMC	EET MID

Client Sample ID: S - 5
Date Collected: 07/16/24 10:03
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 14:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 16:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 16:55	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 14:02	SMC	EET MID

Client Sample ID: S - 5
Date Collected: 07/16/24 10:06
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 14:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 17:09	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 14:18	SMC	EET MID

Client Sample ID: S - 5
Date Collected: 07/16/24 10:09
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 15:14	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: S - 5
Date Collected: 07/16/24 10:09
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-24
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			86084	07/22/24 17:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 17:25	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 14:23	SMC	EET MID

Client Sample ID: S - 5
Date Collected: 07/16/24 10:12
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 15:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 17:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 17:40	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 14:39	SMC	EET MID

Client Sample ID: H - 1
Date Collected: 07/16/24 10:15
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 17:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/22/24 17:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	85905	07/16/24 15:48	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86228	07/22/24 17:54	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 14:44	SMC	EET MID

Client Sample ID: H - 2
Date Collected: 07/16/24 10:18
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 17:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 17:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	85906	07/16/24 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86000	07/17/24 17:42	TKC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 2

Lab Sample ID: 890-6939-27
Matrix: Solid
Date Collected: 07/16/24 10:18
Date Received: 07/16/24 14:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 14:49	SMC	EET MID

Client Sample ID: H - 3

Lab Sample ID: 890-6939-28
Matrix: Solid
Date Collected: 07/16/24 10:21
Date Received: 07/16/24 14:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 17:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 19:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	85906	07/16/24 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86000	07/17/24 19:44	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 14:55	SMC	EET MID

Client Sample ID: H - 4

Lab Sample ID: 890-6939-29
Matrix: Solid
Date Collected: 07/16/24 10:24
Date Received: 07/16/24 14:21

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	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 18:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 18:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 19:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	85906	07/16/24 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86000	07/17/24 19:58	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	86069	07/19/24 15:00	SMC	EET MID

Client Sample ID: H - 5

Lab Sample ID: 890-6939-30
Matrix: Solid
Date Collected: 07/16/24 10:24
Date Received: 07/16/24 14:21

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	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 18:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 20:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	85906	07/16/24 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86000	07/17/24 20:13	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 15:05	SMC	EET MID

Lab Chronicle

Client: NT Global
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Job ID: 890-6939-1
SDG: 248763

Client Sample ID: H - 6

Date Collected: 07/16/24 10:30
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 18:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 20:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	85906	07/16/24 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86000	07/17/24 20:28	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	85974	07/17/24 13:18	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86069	07/19/24 15:10	SMC	EET MID

Client Sample ID: H - 7

Date Collected: 07/16/24 10:33
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 19:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 20:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	85906	07/16/24 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86000	07/17/24 20:59	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	85975	07/17/24 13:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86092	07/20/24 00:15	CH	EET MID

Client Sample ID: H - 8

Date Collected: 07/16/24 10:36
Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	85944	07/17/24 09:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	85928	07/17/24 19:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			85986	07/17/24 19:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			86084	07/17/24 21:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	85906	07/16/24 15:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	86000	07/17/24 21:14	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	85975	07/17/24 13:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	86092	07/20/24 00:20	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: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

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: YATES TO KAISER LINE

Job ID: 890-6939-1
SDG: 248763

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-6939-1	S - 1	Solid	07/16/24 09:00	07/16/24 14:21	0 - 6"
890-6939-2	S - 1	Solid	07/16/24 09:03	07/16/24 14:21	1 - 1.5'
890-6939-3	S - 1	Solid	07/16/24 09:06	07/16/24 14:21	2 - 2.5'
890-6939-4	S - 1	Solid	07/16/24 09:09	07/16/24 14:21	3 - 3.5'
890-6939-5	S - 1	Solid	07/16/24 09:12	07/16/24 14:21	4 - 4.5'
890-6939-6	S - 2	Solid	07/16/24 09:15	07/16/24 14:21	0 - 6"
890-6939-7	S - 2	Solid	07/16/24 09:18	07/16/24 14:21	1 - 1.5'
890-6939-8	S - 2	Solid	07/16/24 09:21	07/16/24 14:21	2 - 2.5'
890-6939-9	S - 2	Solid	07/16/24 09:24	07/16/24 14:21	3 - 3.5'
890-6939-10	S - 2	Solid	07/16/24 09:27	07/16/24 14:21	4 - 4.5
890-6939-11	S - 3	Solid	07/16/24 09:30	07/16/24 14:21	0 - 6"
890-6939-12	S - 3	Solid	07/16/24 09:33	07/16/24 14:21	1 - 1.5'
890-6939-13	S - 3	Solid	07/16/24 09:36	07/16/24 14:21	2 - 2.5'
890-6939-14	S - 3	Solid	07/16/24 09:39	07/16/24 14:21	3 - 3.5'
890-6939-15	S - 3	Solid	07/16/24 09:42	07/16/24 14:21	4 - 4.5'
890-6939-16	S - 4	Solid	07/16/24 09:45	07/16/24 14:21	0 - 6"
890-6939-17	S - 4	Solid	07/16/24 09:48	07/16/24 14:21	1 - 1.5'
890-6939-18	S - 4	Solid	07/16/24 09:51	07/16/24 14:21	2 - 2.5'
890-6939-19	S - 4	Solid	07/16/24 09:54	07/16/24 14:21	3 - 3.5'
890-6939-20	S - 4	Solid	07/16/24 09:57	07/16/24 14:21	4 - 4.5'
890-6939-21	S - 5	Solid	07/16/24 10:00	07/16/24 14:21	0 - 6"
890-6939-22	S - 5	Solid	07/16/24 10:03	07/16/24 14:21	1 - 1.5'
890-6939-23	S - 5	Solid	07/16/24 10:06	07/16/24 14:21	2 - 2.5'
890-6939-24	S - 5	Solid	07/16/24 10:09	07/16/24 14:21	3 - 3.5'
890-6939-25	S - 5	Solid	07/16/24 10:12	07/16/24 14:21	4 - 4.5'
890-6939-26	H - 1	Solid	07/16/24 10:15	07/16/24 14:21	0 - 6"
890-6939-27	H - 2	Solid	07/16/24 10:18	07/16/24 14:21	0 - 6"
890-6939-28	H - 3	Solid	07/16/24 10:21	07/16/24 14:21	0 - 6"
890-6939-29	H - 4	Solid	07/16/24 10:24	07/16/24 14:21	0 - 6"
890-6939-30	H - 5	Solid	07/16/24 10:24	07/16/24 14:21	0 - 6"
890-6939-31	H - 6	Solid	07/16/24 10:30	07/16/24 14:21	0 - 6"
890-6939-32	H - 7	Solid	07/16/24 10:33	07/16/24 14:21	0 - 6"
890-6939-33	H - 8	Solid	07/16/24 10:36	07/16/24 14:21	0 - 6"

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

7/23/2024

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, Texas 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

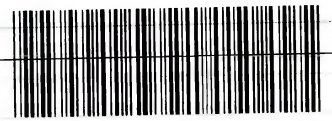
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Yates to Kaiser Line	Turn Around	
Project Number:	248763	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Tumas
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.0
Total Containers:	33	Corrected Temperature:	-2.8

ANALYSIS REQUEST



890-6939 Chain of Custody

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2SO_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-1	0-6"	7/16/2024	9:00	X		Grab	1		X	X	X		
S-1	1-1.5'	7/16/2024	9:03	X		Grab	1		X	X	X		
S-1	2-2.5'	7/16/2024	9:06	X		Grab	1		X	X	X		
S-1	3-3.5'	7/16/2024	9:09	X		Grab	1		X	X	X		
S-1	4-4.5'	7/16/2024	9:12	X		Grab	1		X	X	X		
S-2	0-6"	7/16/2024	9:15	X		Grab	1		X	X	X		
S-2	1-1.5'	7/16/2024	9:18	X		Grab	1		X	X	X		
S-2	2-2.5'	7/16/2024	9:21	X		Grab	1		X	X	X		
S-2	3-3.5'	7/16/2024	9:24	X		Grab	1		X	X	X		
S-2	4-4.5'	7/16/2024	9:27	X		Grab	1		X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2	7/16 1421	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020 1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

7/23/2024

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, Texas 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Yates to Kaiser Line	Turn Around	
Project Number:	248763	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Infrared
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.0
Total Containers:	33	Corrected Temperature:	-2.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-3	0-6"	7/16/2024	9:30	X		Grab	1		X	X	X		
S-3	1-1.5'	7/16/2024	9:33	X		Grab	1		X	X	X		
S-3	2-2.5'	7/16/2024	9:36	X		Grab	1		X	X	X		
S-3	3-3.5'	7/16/2024	9:39	X		Grab	1		X	X	X		
S-3	4-4.5'	7/16/2024	9:42	X		Grab	1		X	X	X		
S-4	0-6"	7/16/2024	9:45	X		Grab	1		X	X	X		
S-4	1-1.5'	7/16/2024	9:48	X		Grab	1		X	X	X		
S-4	2-2.5'	7/16/2024	9:51	X		Grab	1		X	X	X		
S-4	3-3.5'	7/16/2024	9:54	X		Grab	1		X	X	X		
S-4	4-4.5'	7/16/2024	9:57	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 $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		7/16 1421	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020 1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

7/23/2024

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, Texas 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Yates to Kaiser Line	Turn Around	
Project Number:	248763	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR#6
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.0
Total Containers:	33	Corrected Temperature:	-2.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-5	0-6"	7/16/2024	10:00	X		Grab	1		X	X	X		
S-5	1-1.5'	7/16/2024	10:03	X		Grab	1		X	X	X		
S-5	2-2.5'	7/16/2024	10:06	X		Grab	1		X	X	X		
S-5	3-3.5'	7/16/2024	10:09	X		Grab	1		X	X	X		
S-5	4-4.5'	7/16/2024	10:12	X		Grab	1		X	X	X		
H-1	0-6"	7/16/2024	10:15	X		Grab	1		X	X	X		
H-2	0-6"	7/16/2024	10:18	X		Grab	1		X	X	X		
H-3	0-6"	7/16/2024	10:21	X		Grab	1		X	X	X		
H-4	0-6"	7/16/2024	10:24	X		Grab	1		X	X	X		
H-5	0-6"	7/16/2024	10:27	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 $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		7/16 1421	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020 1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

7/23/2024

Page 4 of 4

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, Texas 77046
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Yates to Kaiser Line	Turn Around	
Project Number:	248763	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	TMC2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.0
Total Containers:	33	Corrected Temperature:	-2.8

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD
H-6	0-6"	7/16/2024	10:30	X		Grab	1		X	X	X	
H-7	0-6"	7/16/2024	10:33	X		Grab	1		X	X	X	
H-8	0-6"	7/16/2024	10:36	X		Grab	1		X	X	X	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		7/16 1424	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6939-1
SDG Number: 248763

Login Number: 6939
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6939-1
SDG Number: 248763

Login Number: 6939
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 07/17/24 10:57 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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 371568

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371568
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2221556302**
Incident Name	**NAPP2221556302 YATES TO KAISER LINE @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	YATES TO KAISER LINE
Date Release Discovered	08/03/2022
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371568
	Action Type: [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: 05/31/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371568
	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	Between 1 and 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	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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)	3870
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	330
GRO+DRO	(EPA SW-846 Method 8015M)	220
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
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		08/05/2024
On what date will (or did) the final sampling or liner inspection occur		08/30/2024
On what date will (or was) the remediation complete(d)		09/20/2024
What is the estimated surface area (in square feet) that will be reclaimed		686
What is the estimated volume (in cubic yards) that will be reclaimed		111
What is the estimated surface area (in square feet) that will be remediated		686
What is the estimated volume (in cubic yards) that will be remediated		111
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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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371568
	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	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
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: 08/07/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371568
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
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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 371568

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371568
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	The remediation plan is approved as written. Owl SWD Operating has 90-days (November 6, 2024) to submit to OCD its appropriate or final remediation closure report.	8/8/2024