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January 6, 2025

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

Re: Site Characterization and Remediation Closure Request
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 Closure Request for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for release number: nAPP2221556302 – Yates to Kaiser Line (Site). The Site is in Unit Letter N, 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 on Figure 1 and the topography of the area is shown on 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 release was of an unknown quantity of produced water of which none was recovered. The release area is shown on 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

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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	<50

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

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

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 within 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 zero (0) to four and a half (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/or 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 on Figure 3. The initial C-141, laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

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5. Remedial Action Activities and Confirmation Sampling

After receiving and evaluating the soil boring data NTGE proposed 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 were excavated and transported offsite for disposal at an NMOCD approved landfill.

On November 22, 2024, NTGE was on site to collect a total of four (4) base composite samples (CS-1 to CS-4) and eight sidewall composite confirmation samples (SW-1 through SW-8). Confirmation samples were taken as a five (5) point composite sample and represented an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. 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 BTEX, TPH, and chloride. Analytical results indicated that all samples were below NMOCD regulatory criterion for the site.

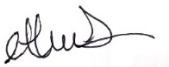
Analytical results are included in Table 2, while confirmation sampling locations are shown on Figure 4. The laboratory reports containing analytical methods and chain-of-custody documents are attached to the end of the report.

6. Closure Request

Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. NTGE, on behalf of Pilot, formally requests a no further action designation for the Site.

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

NTGE Project No.: 248763



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)	
			Table I Closure Criteria for Soil ≤51 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	<50.0	<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	<50.0	<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

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)	
			Table I Closure Criteria for Soil ≤51 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Horizontal Delineation Samples													
H-1	7/16/2024	0 - 6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<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	<50.0	<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	<49.8	<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
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

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

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

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

9. --- Not Analyzed

SP-1 Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation 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)	
			Table I Closure Criteria for Soil ≤51 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
Base Confirmation Samples													
CS-1	11/22/2024	4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	156
CS-2	11/22/2024	4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	174
CS-3	11/22/2024	4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	152
CS-4	11/22/2024	1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	129
Sidewall Samples													
SW-1	11/22/2024	0-4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	94.9
SW-2	11/22/2024	0-4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	24.7
SW-3	11/22/2024	0-4	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	31.5
SW-4	11/22/2024	0-4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	108
SW-5	11/22/2024	0-1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	113
SW-6	11/22/2024	0-1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	108
SW-7	11/22/2024	0-1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	108
SW-8	11/22/2024	0-1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	130

Notes:

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

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

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

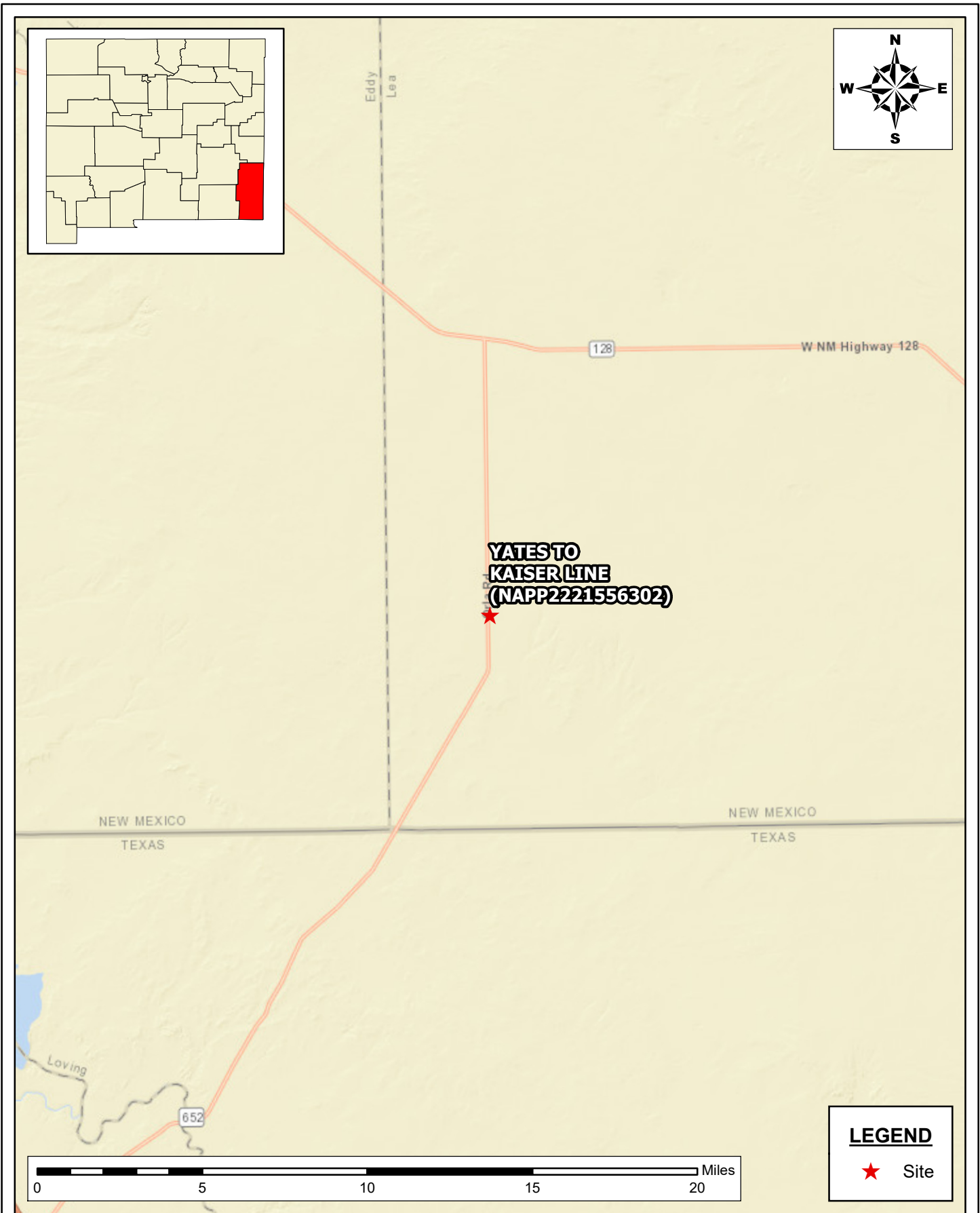
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

SP-1 Sample Point Excavated

FIGURES

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

SCALE: As Shown Date: 12/3/2024 PROJECT #:248763



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Houston, Texas 77060
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Web: www.ntgenviroinmental.com

NOTES:

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

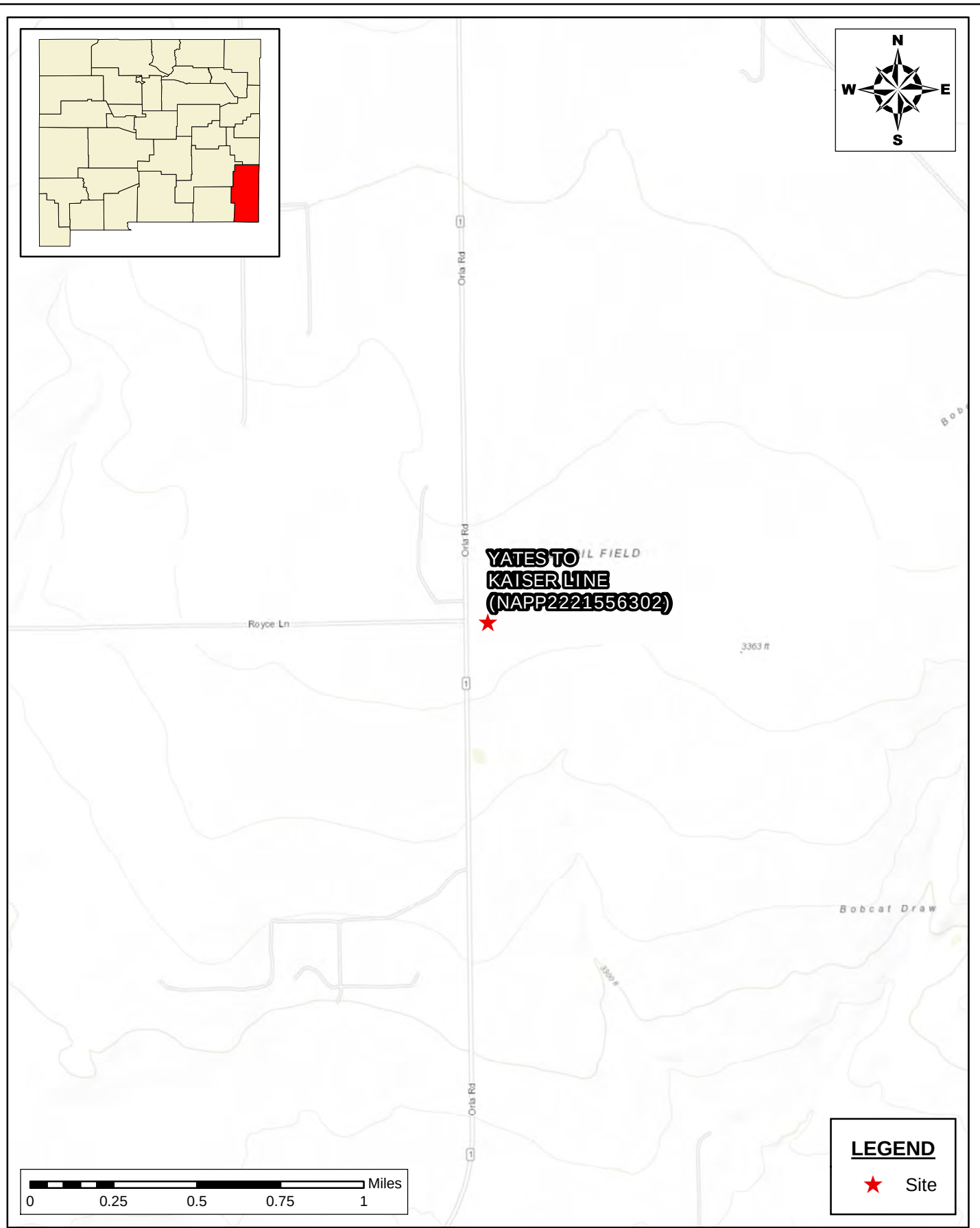
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FIGURE 1

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

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



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Houston, Texas 77060
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Web: www.ntgenviroinmental.com

NOTES:

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2. Map Projection: NAD 1983

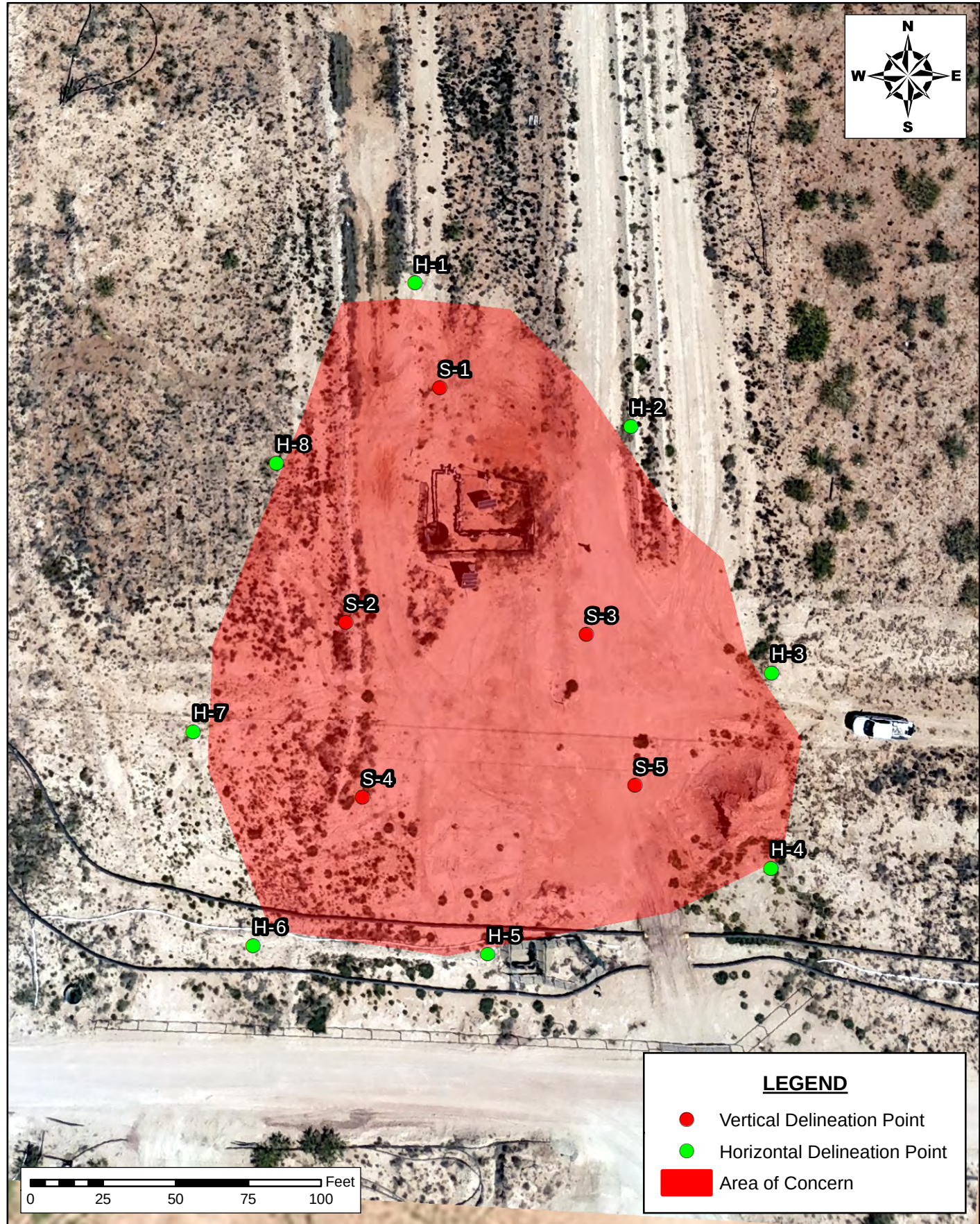
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FIGURE 2

SHEET NUMBER:

1 of 1

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LEGEND

- Vertical Delineation Point
- Horizontal Delineation Point
- Area of Concern

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

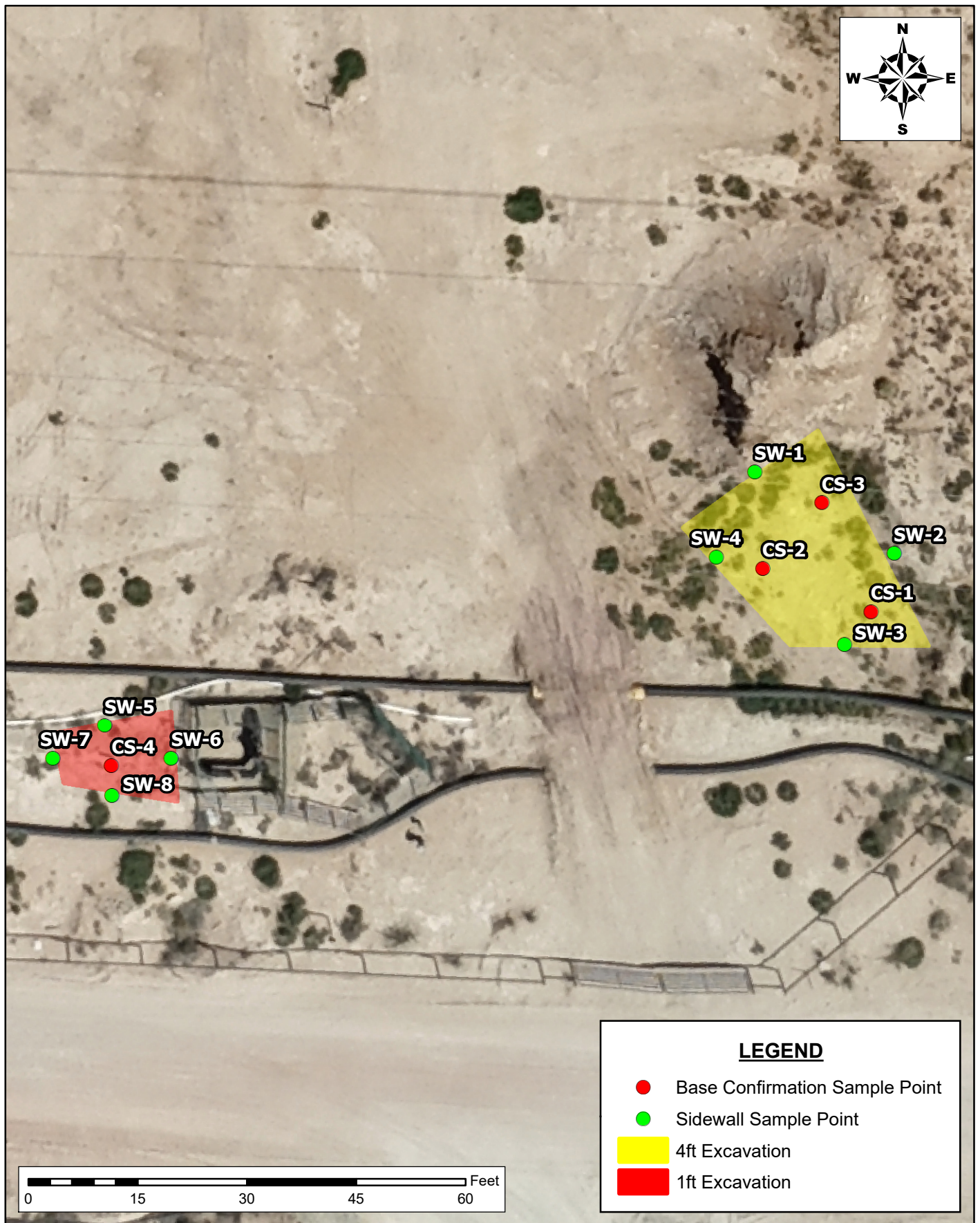
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NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

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**CONFIRMATION SAMPLING MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
PILOT WATER SOLUTIONS
YATES TO KAISER LINE
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 12/3/2024 PROJECT #:248763



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NOTES:

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

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FIGURE 4

SHEET NUMBER:

1 of 1

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

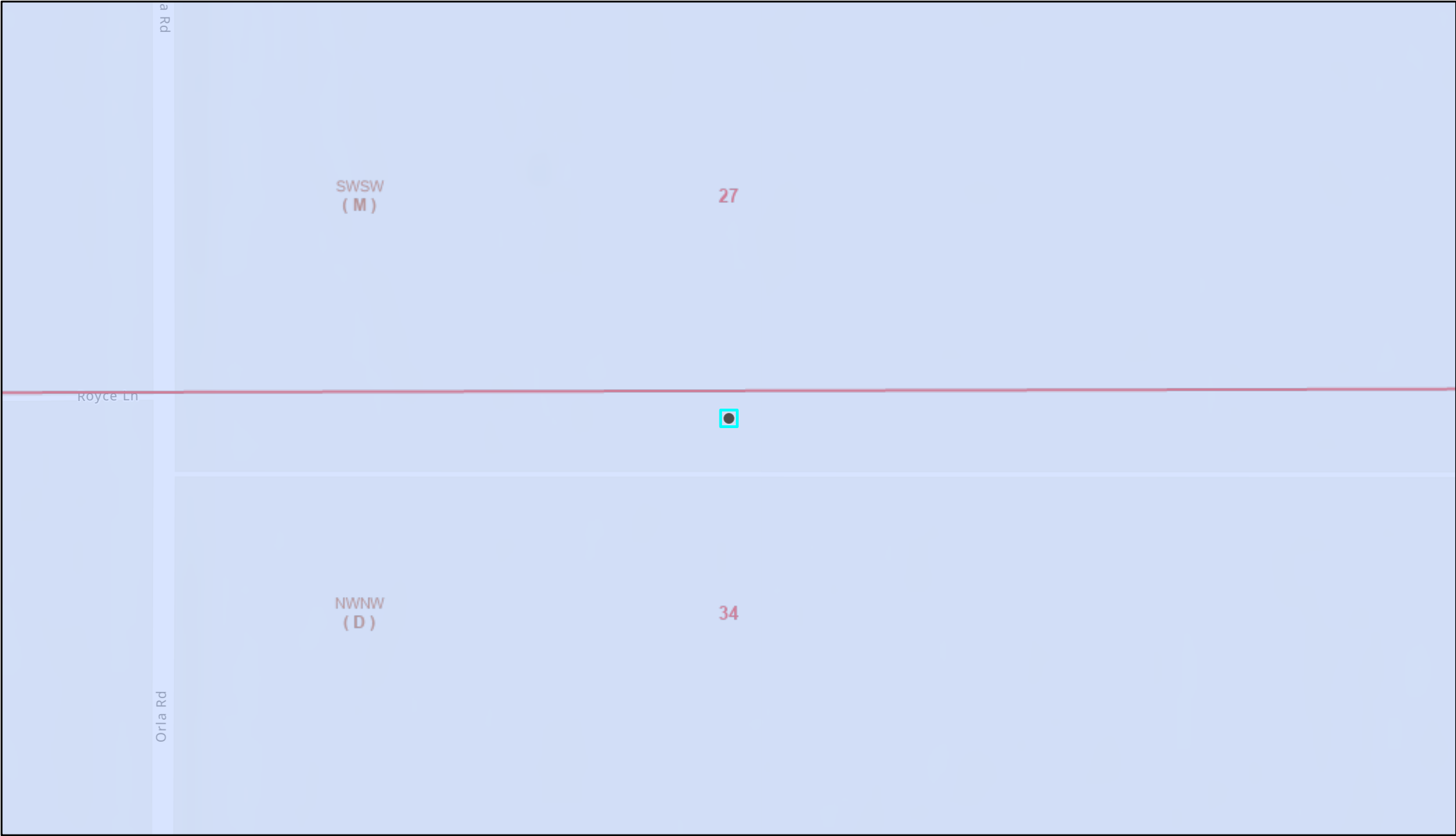
Yates to Kaiser Line

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	600	100	1,000	50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

Karst Potential Map



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

Karst Occurrence Potential

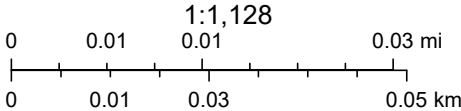
Low



PLSS Second Division



PLSS First Division



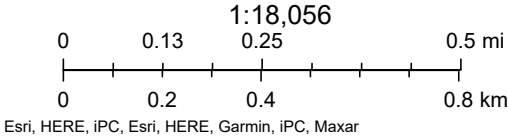
BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Oil Conservation Division of the New Mexico Energy,

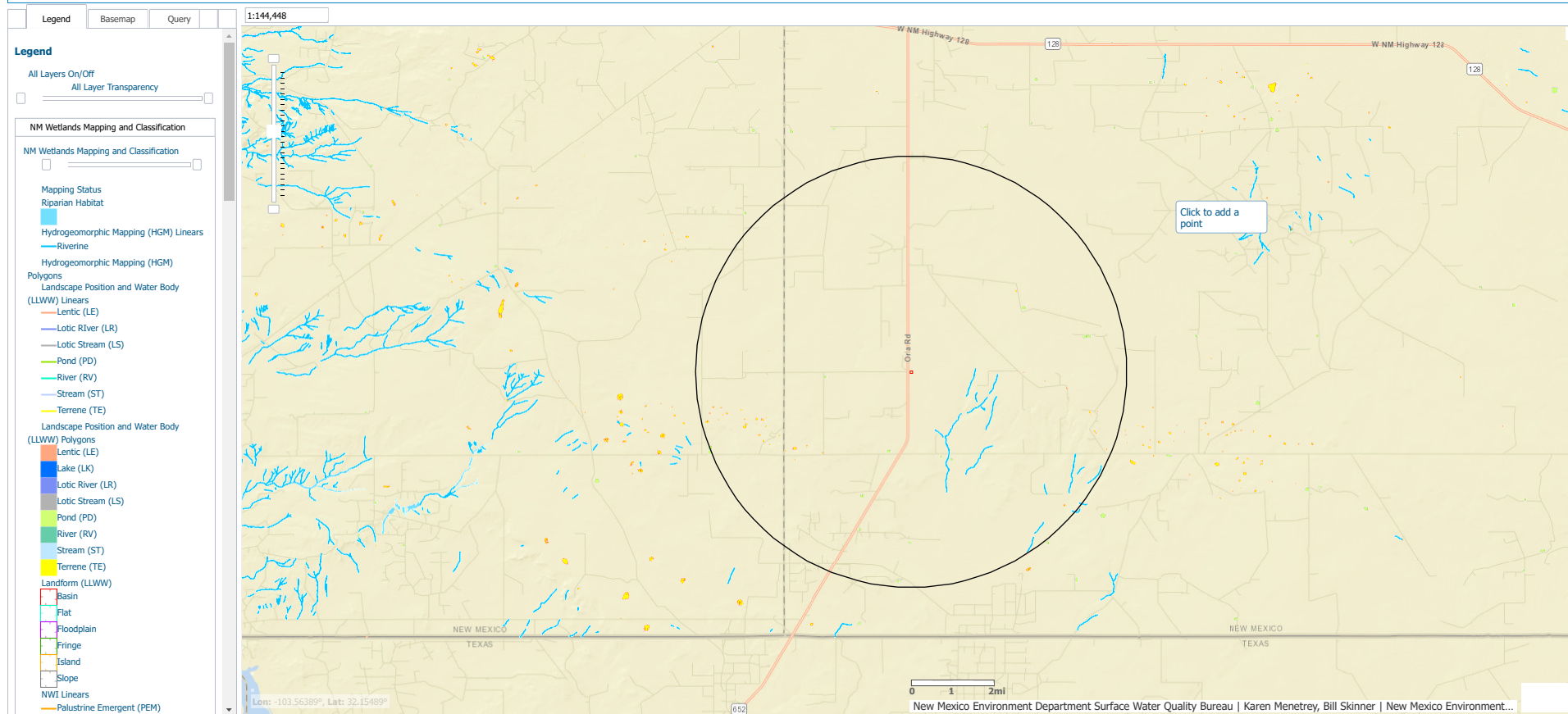
OSE POD Location Map



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

- | | | |
|--|--|--|
|  Override 1 |  Closure Area |  Both Estates |
|  OSE District Boundary |  Artesian Planning Area |  Stream River |
| | |  New Mexico State Trust Lands |
| | |  NHD Flowlines |





Significant Watercourse

Yates to Kaiser Line

Legend

- 0.5 Mile Radius
- 300 ft Radius
- Yates to Kaiser Line

T25S R32E

28

27

Yates to Kaiser Line

33

34

Google Earth

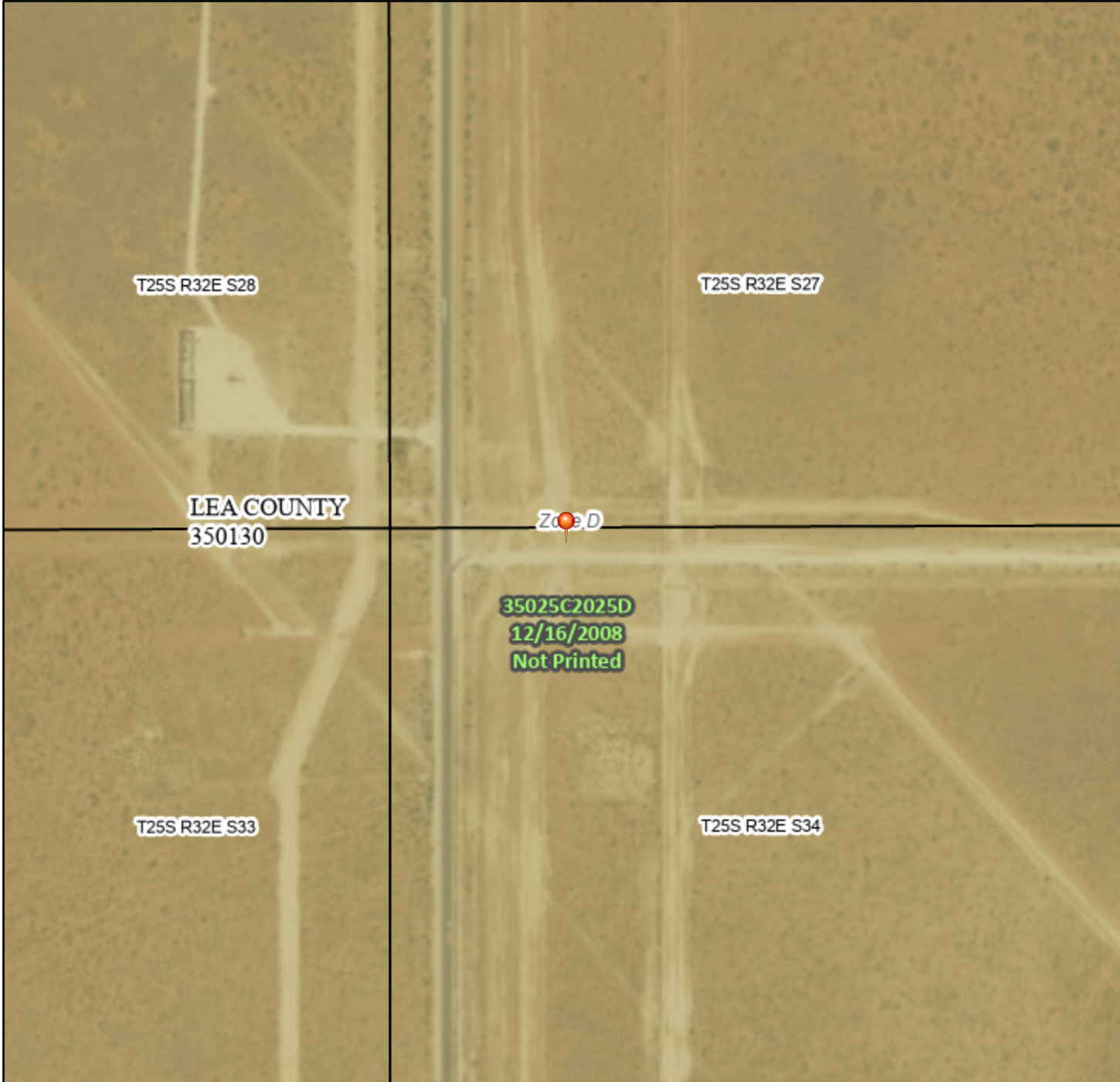
5000 ft



National Flood Hazard Layer FIRMMette



103°40'30"W 32°5'54"N



Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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.



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.

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.

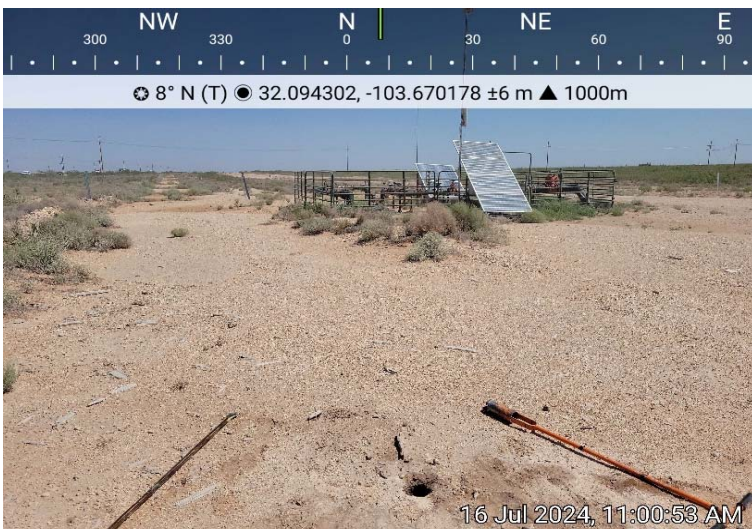


Photograph No. 2

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.



PHOTOGRAPHIC LOG

Pilot Water Solutions

Yates to Kaiser Line

Photograph No. 4

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:

View of Excavation.



Photograph No. 5

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:

View of Excavation.



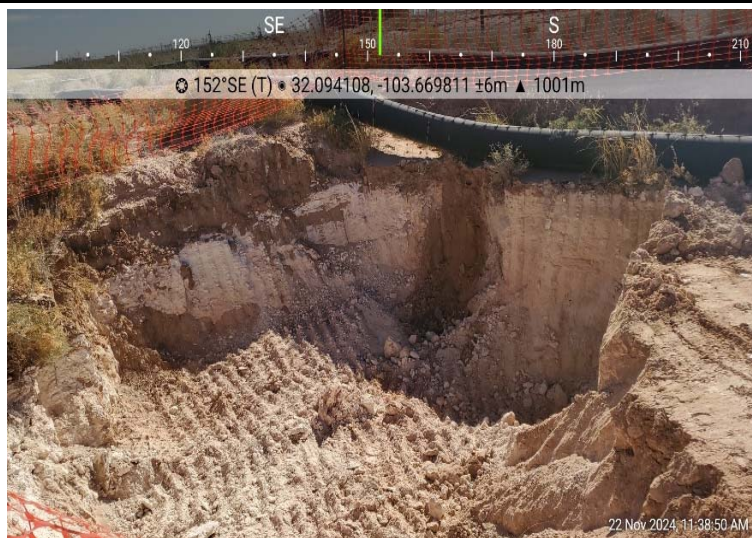
Photograph No. 6

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:

View of Excavation.



PHOTOGRAPHIC LOG

Pilot Water Solutions

Yates to Kaiser Line

Photograph No. 7

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Backfill Photos



Photograph No. 8

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Backfill Photos

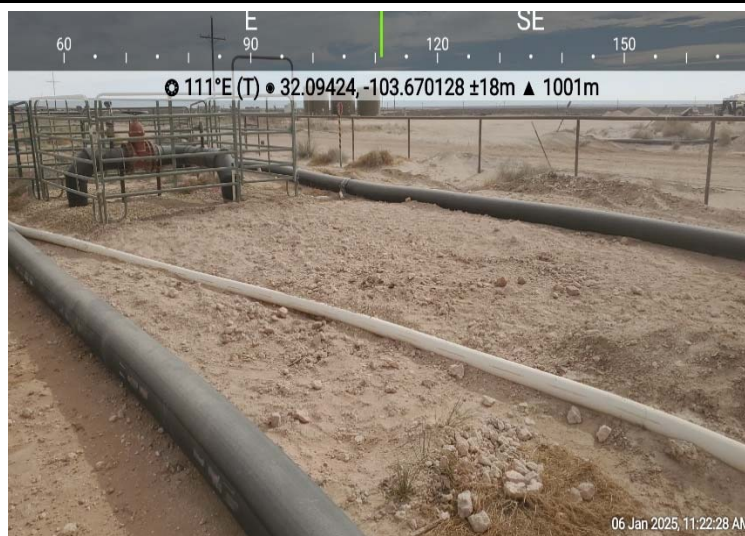


Photograph No. 9

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Backfill Photos



PHOTOGRAPHIC LOG

Pilot Water Solutions

Yates to Kaiser Line

Photograph No. 10

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Backfill Photos

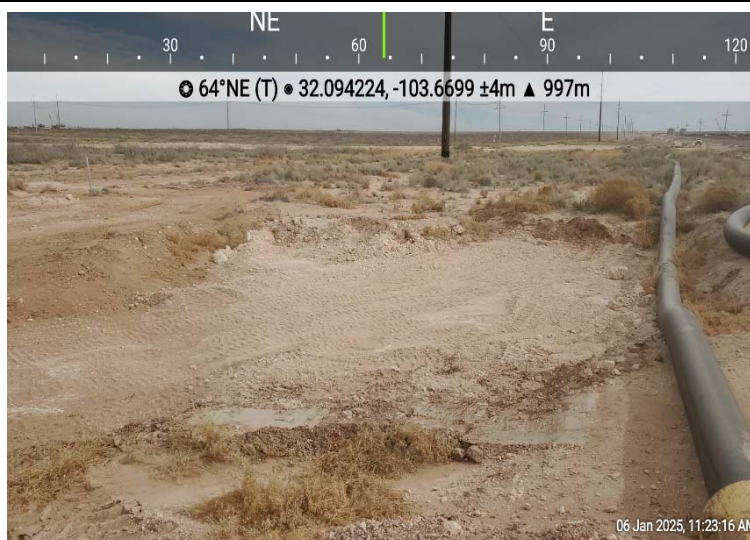


Photograph No. 11

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Backfill Photos



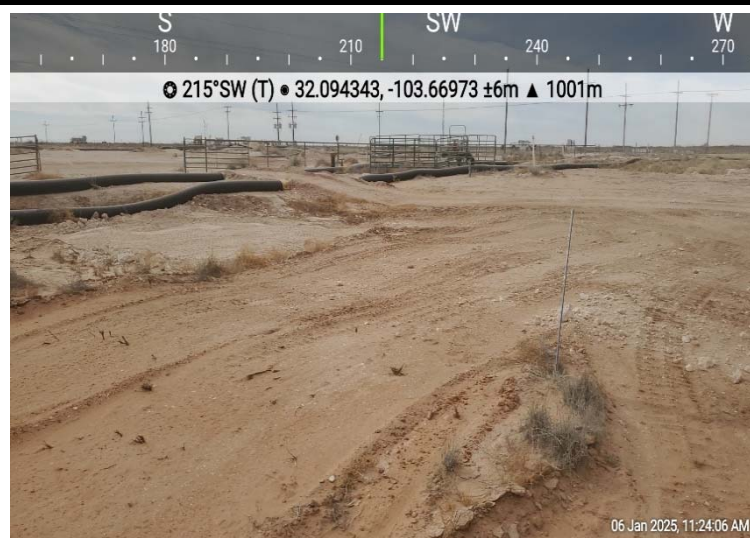
Photograph No. 12

Facility: Yates to Kaiser Line

County: Lea County, New Mexico

Description:
Backfill Photos



PHOTOGRAPHIC LOG**Pilot Water Solutions****Yates to Kaiser Line****Photograph No. 13****Facility:** Yates to Kaiser Line**County:** Lea County, New Mexico**Description:**
Backfill Photos**Photograph No. 14****Facility:** Yates to Kaiser Line**County:** Lea County, New Mexico**Description:**
Backfill Photos**Photograph No. 15****Facility:** Yates to Kaiser Line**County:** Lea County, New Mexico**Description:**
Backfill Photos

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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ANALYTICAL REPORT

PREPARED FOR

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

Generated 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

Eurofins Carlsbad

Job Notes

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

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

Authorization



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

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

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

Client: NT Global
Project: YATES TO KAISER LINE

Job ID: 890-6939-1

Job ID: 890-6939-1

Eurofins Carlsbad

Job Narrative
890-6939-1

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

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

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

Receipt

The samples were received on 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

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Case Narrative

Client: NT Global
Project: YATES TO KAISER LINE

Job ID: 890-6939-1

Job ID: 890-6939-1 (Continued)

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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.

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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 - 1

Lab Sample ID: 890-6939-1

Date Collected: 07/16/24 09:00

Matrix: Solid

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

Date Collected: 07/16/24 09:03

Matrix: Solid

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

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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 - 1

Lab Sample ID: 890-6939-2

Date Collected: 07/16/24 09:03

Matrix: Solid

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

Date Collected: 07/16/24 09:06

Matrix: Solid

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 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: 890-6939-3

Date Collected: 07/16/24 09:06

Matrix: Solid

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

Date Collected: 07/16/24 09:09

Matrix: Solid

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

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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 - 1

Lab Sample ID: 890-6939-4

Date Collected: 07/16/24 09:09

Matrix: Solid

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

Date Collected: 07/16/24 09:12

Matrix: Solid

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

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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: 890-6939-6

Date Collected: 07/16/24 09:15

Matrix: Solid

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

Date Collected: 07/16/24 09:18

Matrix: Solid

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

Date Collected: 07/16/24 09:18

Matrix: Solid

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

Date Collected: 07/16/24 09:21

Matrix: Solid

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

Date Collected: 07/16/24 09:21

Matrix: Solid

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

Date Collected: 07/16/24 09:24

Matrix: Solid

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

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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

Date Collected: 07/16/24 09:24

Date Received: 07/16/24 14:21

Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6939-9

Matrix: Solid

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

Date Collected: 07/16/24 09:27

Date Received: 07/16/24 14:21

Sample Depth: 4 - 4.5

Lab Sample ID: 890-6939-10

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		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

Date Collected: 07/16/24 09:30

Matrix: Solid

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

Date Collected: 07/16/24 09:33

Matrix: Solid

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

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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 - 3

Lab Sample ID: 890-6939-12

Date Collected: 07/16/24 09:33

Matrix: Solid

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

Date Collected: 07/16/24 09:36

Matrix: Solid

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

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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 - 3

Lab Sample ID: 890-6939-13

Date Collected: 07/16/24 09:36

Matrix: Solid

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

Date Collected: 07/16/24 09:39

Matrix: Solid

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

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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 - 3

Lab Sample ID: 890-6939-14

Date Collected: 07/16/24 09:39

Matrix: Solid

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

Date Collected: 07/16/24 09:42

Matrix: Solid

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

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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: 890-6939-16

Date Collected: 07/16/24 09:45

Matrix: Solid

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

Date Collected: 07/16/24 09:48

Matrix: Solid

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

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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: 890-6939-17

Date Collected: 07/16/24 09:48

Matrix: Solid

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

Date Collected: 07/16/24 09:51

Matrix: Solid

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

Date Collected: 07/16/24 09:51

Matrix: Solid

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

Date Collected: 07/16/24 09:54

Matrix: Solid

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

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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: 890-6939-19

Date Collected: 07/16/24 09:54

Matrix: Solid

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

Date Collected: 07/16/24 09:57

Matrix: Solid

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

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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: 890-6939-21

Date Collected: 07/16/24 10:00

Matrix: Solid

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

Date Collected: 07/16/24 10:03

Matrix: Solid

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

Date Collected: 07/16/24 10:03

Matrix: Solid

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

Date Collected: 07/16/24 10:06

Matrix: Solid

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

Date Collected: 07/16/24 10:06

Matrix: Solid

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

Date Collected: 07/16/24 10:09

Matrix: Solid

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

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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: 890-6939-24

Date Collected: 07/16/24 10:09

Matrix: Solid

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

Date Collected: 07/16/24 10:12

Matrix: Solid

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

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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: H - 1

Lab Sample ID: 890-6939-26

Date Collected: 07/16/24 10:15

Matrix: Solid

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

Date Collected: 07/16/24 10:18

Matrix: Solid

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

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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: H - 2

Lab Sample ID: 890-6939-27

Date Collected: 07/16/24 10:18

Matrix: Solid

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

Date Collected: 07/16/24 10:21

Matrix: Solid

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

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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: H - 3

Lab Sample ID: 890-6939-28

Date Collected: 07/16/24 10:21

Matrix: Solid

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

Date Collected: 07/16/24 10:24

Matrix: Solid

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

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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: H - 4

Lab Sample ID: 890-6939-29

Date Collected: 07/16/24 10:24

Matrix: Solid

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

Date Collected: 07/16/24 10:24

Matrix: Solid

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

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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: H - 6

Lab Sample ID: 890-6939-31

Date Collected: 07/16/24 10:30

Matrix: Solid

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

Date Collected: 07/16/24 10:33

Matrix: Solid

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

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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: H - 7

Lab Sample ID: 890-6939-32

Date Collected: 07/16/24 10:33

Matrix: Solid

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

Date Collected: 07/16/24 10:36

Matrix: Solid

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

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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: 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)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (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)

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Surrogate Summary

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

Job ID: 890-6939-1
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

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Surrogate Summary

Client: NT Global
Project/Site: YATES TO KAISER LINE
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Job ID: 890-6939-1
SDG: 248763

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

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							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 85929							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							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 85929							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							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 85929							Prep Batch: 85936			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	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							Client Sample ID: Matrix Spike		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 85929							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

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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

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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

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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

	MSD	MSD	
Surrogate	%Recovery	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

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		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	%Recovery	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

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

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	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	LCSD									
	%Recovery	Qualifier	Limits									
1-Chlorooctane	94		70 - 130									
o-Terphenyl	99		70 - 130									

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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
Matrix: Solid
Analysis Batch: 86002

Client Sample ID: Matrix Spike
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 86002

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 86228

Client Sample ID: Method Blank
Prep Type: Total/NA
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
Matrix: Solid
Analysis Batch: 86228

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

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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

	LCS	LCS	
Surrogate	%Recovery	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

	LCSD	LCSD	
Surrogate	%Recovery	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

	MS	MS	
Surrogate	%Recovery	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

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

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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							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 86000							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							Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 86000							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							Client Sample ID: Lab Control Sample Dup				
Matrix: Solid							Prep Type: Total/NA				
Analysis Batch: 86000							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							Client Sample ID: H - 2			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 86000							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

	MS	MS	
Surrogate	%Recovery	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

	MSD	MSD	
Surrogate	%Recovery	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

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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										Client Sample ID: Method Blank	
Matrix: Solid										Prep Type: Soluble	
Analysis Batch: 86092											
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										Client Sample ID: Lab Control Sample	
Matrix: Solid										Prep Type: Soluble	
Analysis Batch: 86092											
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										Client Sample ID: Lab Control Sample Dup	
Matrix: Solid										Prep Type: Soluble	
Analysis Batch: 86092											
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										Client Sample ID: Matrix Spike	
Matrix: Solid										Prep Type: Soluble	
Analysis Batch: 86092											
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										Client Sample ID: Matrix Spike Duplicate	
Matrix: Solid										Prep Type: Soluble	
Analysis Batch: 86092											
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	

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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	

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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	

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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

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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	

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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	

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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

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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

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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 09:00

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

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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 - 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

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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 - 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

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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 - 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

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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: 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
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

Date Collected: 07/16/24 10:21

Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 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

Date Collected: 07/16/24 10:24

Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 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

Date Collected: 07/16/24 10:24

Date Received: 07/16/24 14:21

Lab Sample ID: 890-6939-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 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

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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: 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

Work Order No. _____

Page 1 of 4

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

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

Project Name:	Yates to Kaiser Line		Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:	248763	☒ Routine ☐ Rush					None: NO DI Water: H ₂ O
Project Location:	Lea County, NM	Due Date:					Cool: Cool MeOH: Me
Sampler's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm					HCL: HC HNO ₃ : HN
PO #							H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No					H ₃ PO ₄ : HP
Received In tact:	Yes ☒ No ☒ N/A	Thermometer ID:					NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes ☒ No ☒ N/A	Correction Factor:					Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes ☒ No ☒ N/A	Temperature Reading:					Zn Acetate-NaOH: Zn
Total Containers:	33	Corrected Temperature:	-2.2				NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont
S-1	0-6"	7/16/2024	9:00	X		Grab	1
S-1	1-1.5'	7/16/2024	9:03	X		Grab	1
S-1	2-2.5'	7/16/2024	9:06	X		Grab	1
S-1	3-3.5'	7/16/2024	9:09	X		Grab	1
S-1	4-4.5'	7/16/2024	9:12	X		Grab	1
S-2	0-6"	7/16/2024	9:15	X		Grab	1
S-2	1-1.5'	7/16/2024	9:18	X		Grab	1
S-2	2-2.5'	7/16/2024	9:21	X		Grab	1
S-2	3-3.5'	7/16/2024	9:24	X		Grab	1
S-2	4-4.5'	7/16/2024	9:27	X		Grab	1

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
		7/16/24			



Chain of Custody

Work Order No: _____

Page 2 of 4

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

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

Project Name:	Yates to Kaiser Line	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number:	248763	Due Date:															None: NO	DI Water: H ₂ O					
Project Location:	Lea County, NM																Cool: Cool	MeOH: Me					
Sampler's Name:	Clayton Tumas	TAI starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN					
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na					
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Well Ice: ☒ Yes ☒ No	Parameters													HOLD							
Received In tact:	Yes ☒ No ☒ N/A	Thermometer ID:														NaHSO ₄ : NABIS							
Cooler Custody Seals:	Yes ☒ No ☒ N/A	Correction Factor:														Na ₂ S ₂ O ₅ : NaSO ₃							
Sample Custody Seals:	Yes ☒ No ☒ N/A	Temperature Reading:														Zn Acetate+NaOH: Zn							
Total Containers:	33	Corrected Temperature:	-2.8													NaOH+Ascorbic Acid: SAPC							
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
S-3	0-6"	7/16/2024	9:30	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-3	1-1.5'	7/16/2024	9:33	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-3	2-2.5'	7/16/2024	9:36	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-3	3-3.5'	7/16/2024	9:39	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-3	4-4.5'	7/16/2024	9:42	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-4	0-6"	7/16/2024	9:45	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-4	1-1.5'	7/16/2024	9:48	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-4	2-2.5'	7/16/2024	9:51	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-4	3-3.5'	7/16/2024	9:54	X		Grab	1	X	X	X	X	X	X	X	X	X							
S-4	4-4.5'	7/16/2024	9:57	X		Grab	1	X	X	X	X	X	X	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
		7/16/24			



Chain of Custody

Work Order No.:

Page 3 of 4

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, Texas 77046
Phone:	432-701-2159	Email:	esessums@ntgglobal.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		ANALYSIS REQUEST										Preservative Codes	
Project Number:		248763		☒ Routine ☐ Rush		Pres. Code										None, NO	DI Water, H ₂ O
Project Location:		Lea County, NM		Due Date:												Cool, Cool	MeOH, Me
Sampler's Name:		Clayton Turnas		TAT starts the day received by the lab, if received by 4:30pm												HCL, HC	HNO ₃ , HN
PO #																H ₂ SO ₄ , H ₂	NaOH, Na
SAMPLE RECEIPT		Temp Blank:		(Yes) No		Wet Ice:		(Yes) No									
Received Intact:		Yes No		Thermometer ID:													HOLD
Cooler Custody Seals:		Yes No N/A		Correction Factor:													H ₃ PO ₄ , HP
Sample Custody Seals:		Yes No N/A		Temperature Reading:													NaHSO ₄ , NABIS
Total Containers:		33		Corrected Temperature:													Na ₂ S ₂ O ₃ , NaSO ₃
Sample Identification		Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont									Zn Acetate+NaOH, Zn
S-5		0-6"	7/16/2024	10:00	X		Grab	1	X	X	X						NaOH+Ascorbic Acid, SAPC
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			7/16/14			
2						
3						
4						
5						
6						



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:	

[illegible][illegible]

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 fees will be entered-unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			7/16/14			
3						
5						
6						

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/27/2024 11:25:36 AM

JOB DESCRIPTION

Yates to Kaiser Line
248763

JOB NUMBER

890-7411-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
11/27/2024 11:25:36 AM

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

Client: NT Global
Project/Site: Yates to Kaiser Line

Laboratory Job ID: 890-7411-1
SDG: 248763

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Definitions/Glossary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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

Client: NT Global
Project: Yates to Kaiser Line

Job ID: 890-7411-1

Job ID: 890-7411-1

Eurofins Carlsbad

Job Narrative 890-7411-1

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

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

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

Receipt

The samples were received on 11/22/2024 12:57 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 -6.8°C.

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-96466 and analytical batch 880-96449 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (890-7411-1), CS-2 (890-7411-2), CS-3 (890-7411-3), CS-4 (890-7411-4), SW-4 (890-7411-8), SW-5 (890-7411-9), SW-6 (890-7411-10), SW-7 (890-7411-11) and SW-8 (890-7411-12). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-96518 and analytical batch 880-96560 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: CS-3 (890-7411-3), CS-4 (890-7411-4), SW-1 (890-7411-5), SW-2 (890-7411-6), SW-3 (890-7411-7), SW-4 (890-7411-8), SW-5 (890-7411-9), SW-6 (890-7411-10), SW-7 (890-7411-11), SW-8 (890-7411-12), (890-7411-A-3-D MS) and (890-7411-A-3-E MSD).

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

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: CS-1

Lab Sample ID: 890-7411-1

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/25/24 16:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/25/24 16:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/25/24 16:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/25/24 09:41	11/25/24 16:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/25/24 16:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/25/24 09:41	11/25/24 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	11/25/24 09:41	11/25/24 16:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/25/24 09:41	11/25/24 16:08	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			11/25/24 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/26/24 03:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 03:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 03:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	11/25/24 08:22	11/26/24 03:51	1
o-Terphenyl	68	S1-	70 - 130	11/25/24 08:22	11/26/24 03:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		10.0		mg/Kg			11/26/24 03:30	1

Client Sample ID: CS-2

Lab Sample ID: 890-7411-2

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/25/24 17:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/25/24 17:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/25/24 17:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/25/24 09:41	11/25/24 17:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/25/24 17:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/25/24 09:41	11/25/24 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	11/25/24 09:41	11/25/24 17:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/25/24 09:41	11/25/24 17:31	1

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: CS-2

Lab Sample ID: 890-7411-2

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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			11/25/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/26/24 04:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 04:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 04:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				11/25/24 08:22	11/26/24 04:06	1
o-Terphenyl	69	S1-	70 - 130				11/25/24 08:22	11/26/24 04:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		9.90		mg/Kg			11/26/24 03:36	1

Client Sample ID: CS-3

Lab Sample ID: 890-7411-3

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/25/24 17:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 17:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 17:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/25/24 09:41	11/25/24 17:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 17:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/25/24 09:41	11/25/24 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				11/25/24 09:41	11/25/24 17:52	1
1,4-Difluorobenzene (Surr)	95		70 - 130				11/25/24 09:41	11/25/24 17:52	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			11/25/24 17:52	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			11/26/24 04:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 04:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 04:37	1

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: CS-3
Date Collected: 11/22/24 00:00
Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 04:37	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	87		70 - 130				11/25/24 08:22	11/26/24 04:37	1	
o-Terphenyl	67	S1-	70 - 130				11/25/24 08:22	11/26/24 04:37	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	152	F1	10.1		mg/Kg			11/26/24 03:43	1	

Client Sample ID: CS-4
Date Collected: 11/22/24 00:00
Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00199	U	0.00199		mg/Kg		11/25/24 09:41	11/25/24 18:12	1	
Toluene	<0.00199	U	0.00199		mg/Kg		11/25/24 09:41	11/25/24 18:12	1	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/25/24 09:41	11/25/24 18:12	1	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/25/24 09:41	11/25/24 18:12	1	
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/25/24 09:41	11/25/24 18:12	1	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/25/24 09:41	11/25/24 18:12	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	117		70 - 130				11/25/24 09:41	11/25/24 18:12	1	
1,4-Difluorobenzene (Surr)	93		70 - 130				11/25/24 09:41	11/25/24 18:12	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			11/25/24 18:12	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			11/26/24 04:53	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 04:53	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 04:53	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 04:53	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	83		70 - 130				11/25/24 08:22	11/26/24 04:53	1	
o-Terphenyl	67	S1-	70 - 130				11/25/24 08:22	11/26/24 04:53	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	129		10.0		mg/Kg			11/26/24 04:03	1	

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-1

Lab Sample ID: 890-7411-5

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/25/24 18:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 18:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 18:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/25/24 09:41	11/25/24 18:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 18:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/25/24 09:41	11/25/24 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/25/24 09:41	11/25/24 18:33	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/25/24 09:41	11/25/24 18:33	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			11/25/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/26/24 05:09	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	50.0		mg/Kg		11/25/24 08:22	11/26/24 05:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 05:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 05:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	11/25/24 08:22	11/26/24 05:09	1
o-Terphenyl	70		70 - 130	11/25/24 08:22	11/26/24 05:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.9		9.92		mg/Kg			11/26/24 04:10	1

Client Sample ID: SW-2

Lab Sample ID: 890-7411-6

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/25/24 18:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/25/24 18:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/25/24 18:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/25/24 09:41	11/25/24 18:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/25/24 18:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/25/24 09:41	11/25/24 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	11/25/24 09:41	11/25/24 18:53	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/25/24 09:41	11/25/24 18:53	1

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-2

Lab Sample ID: 890-7411-6

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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			11/25/24 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/26/24 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 05:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 05:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				11/25/24 08:22	11/26/24 05:24	1
o-Terphenyl	76		70 - 130				11/25/24 08:22	11/26/24 05:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.7		9.96		mg/Kg			11/26/24 04:30	1

Client Sample ID: SW-3

Lab Sample ID: 890-7411-7

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/25/24 09:41	11/26/24 07:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/25/24 09:41	11/26/24 07:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/25/24 09:41	11/26/24 07:48	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/25/24 09:41	11/26/24 07:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/25/24 09:41	11/26/24 07:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/25/24 09:41	11/26/24 07:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				11/25/24 09:41	11/26/24 07:48	1
1,4-Difluorobenzene (Surr)	88		70 - 130				11/25/24 09:41	11/26/24 07:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			11/26/24 07:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/26/24 05:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 05:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 05:40	1

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-3

Lab Sample ID: 890-7411-7

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 05:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				11/25/24 08:22	11/26/24 05:40	1
o-Terphenyl	70		70 - 130				11/25/24 08:22	11/26/24 05:40	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.5		9.92		mg/Kg			11/26/24 04:36	1

Client Sample ID: SW-4

Lab Sample ID: 890-7411-8

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/26/24 08:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/26/24 08:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/26/24 08:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/25/24 09:41	11/26/24 08:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/26/24 08:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/25/24 09:41	11/26/24 08:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				11/25/24 09:41	11/26/24 08:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/25/24 09:41	11/26/24 08:08	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			11/26/24 08:08	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/26/24 05:56	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 05:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 05:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 05:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				11/25/24 08:22	11/26/24 05:56	1
o-Terphenyl	61	S1-	70 - 130				11/25/24 08:22	11/26/24 05:56	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		10.1		mg/Kg			11/26/24 04:43	1

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-5

Lab Sample ID: 890-7411-9

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/26/24 08:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/26/24 08:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/26/24 08:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/25/24 09:41	11/26/24 08:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/25/24 09:41	11/26/24 08:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/25/24 09:41	11/26/24 08:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				11/25/24 09:41	11/26/24 08:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/25/24 09:41	11/26/24 08:29	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			11/26/24 08:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/26/24 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 06:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 06:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 06:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				11/25/24 08:22	11/26/24 06:12	1
o-Terphenyl	63	S1-	70 - 130				11/25/24 08:22	11/26/24 06:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		9.94		mg/Kg			11/26/24 04:50	1

Client Sample ID: SW-6

Lab Sample ID: 890-7411-10

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/25/24 09:41	11/26/24 08:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/26/24 08:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/26/24 08:49	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/25/24 09:41	11/26/24 08:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/25/24 09:41	11/26/24 08:49	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/25/24 09:41	11/26/24 08:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				11/25/24 09:41	11/26/24 08:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/25/24 09:41	11/26/24 08:49	1

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-6
Date Collected: 11/22/24 00:00
Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/26/24 08:49	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			11/26/24 06:27	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 06:27	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 06:27	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 06:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	87		70 - 130				11/25/24 08:22	11/26/24 06:27	1	
o-Terphenyl	68	S1-	70 - 130				11/25/24 08:22	11/26/24 06:27	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	108		9.92		mg/Kg			11/26/24 04:56	1	

Client Sample ID: SW-7
Date Collected: 11/22/24 00:00
Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/26/24 09:10	1	
Toluene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/26/24 09:10	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/26/24 09:10	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/25/24 09:41	11/26/24 09:10	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/26/24 09:10	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/25/24 09:41	11/26/24 09:10	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	124		70 - 130				11/25/24 09:41	11/26/24 09:10	1	
1,4-Difluorobenzene (Surr)	96		70 - 130				11/25/24 09:41	11/26/24 09:10	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			11/26/24 09:10	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			11/26/24 06:43	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 06:43	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 06:43	1	

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Client Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-7

Lab Sample ID: 890-7411-11

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/25/24 08:22	11/26/24 06:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				11/25/24 08:22	11/26/24 06:43	1
o-Terphenyl	61	S1-	70 - 130				11/25/24 08:22	11/26/24 06:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		10.1		mg/Kg			11/26/24 05:03	1

Client Sample ID: SW-8

Lab Sample ID: 890-7411-12

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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		11/26/24 09:16	11/26/24 12:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/26/24 09:16	11/26/24 12:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/26/24 09:16	11/26/24 12:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/26/24 09:16	11/26/24 12:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/26/24 09:16	11/26/24 12:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/26/24 09:16	11/26/24 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				11/26/24 09:16	11/26/24 12:44	1
1,4-Difluorobenzene (Surr)	108		70 - 130				11/26/24 09:16	11/26/24 12:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/26/24 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/26/24 06:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 06:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 06:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/25/24 08:22	11/26/24 06:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				11/25/24 08:22	11/26/24 06:59	1
o-Terphenyl	66	S1-	70 - 130				11/25/24 08:22	11/26/24 06:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		10.0		mg/Kg			11/26/24 05:10	1

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Surrogate Summary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7409-A-1-D MS	Matrix Spike	103	99
890-7409-A-1-E MSD	Matrix Spike Duplicate	103	98
890-7411-1	CS-1	119	94
890-7411-2	CS-2	124	96
890-7411-3	CS-3	121	95
890-7411-4	CS-4	117	93
890-7411-5	SW-1	120	94
890-7411-6	SW-2	123	97
890-7411-7	SW-3	113	88
890-7411-8	SW-4	118	94
890-7411-9	SW-5	123	96
890-7411-10	SW-6	123	96
890-7411-11	SW-7	124	96
890-7411-12	SW-8	115	108
890-7414-A-1-D MS	Matrix Spike	106	103
890-7414-A-1-E MSD	Matrix Spike Duplicate	105	103
LCS 880-96483/1-A	Lab Control Sample	105	98
LCS 880-96628/1-A	Lab Control Sample	107	104
LCSD 880-96483/2-A	Lab Control Sample Dup	103	98
LCSD 880-96628/2-A	Lab Control Sample Dup	109	104
MB 880-96483/5-A	Method Blank	110	86
MB 880-96628/5-A	Method Blank	110	101
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7409-A-1-B MS	Matrix Spike	92	80
890-7409-A-1-C MSD	Matrix Spike Duplicate	94	80
890-7411-1	CS-1	87	68 S1-
890-7411-2	CS-2	86	69 S1-
890-7411-3	CS-3	87	67 S1-
890-7411-4	CS-4	83	67 S1-
890-7411-5	SW-1	89	70
890-7411-6	SW-2	98	76
890-7411-7	SW-3	88	70
890-7411-8	SW-4	77	61 S1-
890-7411-9	SW-5	80	63 S1-
890-7411-10	SW-6	87	68 S1-
890-7411-11	SW-7	79	61 S1-
890-7411-12	SW-8	84	66 S1-
LCS 880-96466/2-A	Lab Control Sample	100	88
LCSD 880-96466/3-A	Lab Control Sample Dup	93	82
MB 880-96466/1-A	Method Blank	109	86

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Surrogate Summary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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

QC Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-96483/5-A

Matrix: Solid

Analysis Batch: 96468

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 12:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 12:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 12:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/25/24 09:41	11/25/24 12:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/25/24 09:41	11/25/24 12:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/25/24 09:41	11/25/24 12:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	11/25/24 09:41	11/25/24 12:23	1
1,4-Difluorobenzene (Surr)	86		70 - 130	11/25/24 09:41	11/25/24 12:23	1

Lab Sample ID: LCS 880-96483/1-A

Matrix: Solid

Analysis Batch: 96468

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1159		mg/Kg		116	70 - 130
Toluene	0.100	0.1123		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1163		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2333		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1194		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-96483/2-A

Matrix: Solid

Analysis Batch: 96468

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 96483

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1203		mg/Kg		120	70 - 130	4	35
Toluene	0.100	0.1163		mg/Kg		116	70 - 130	4	35
Ethylbenzene	0.100	0.1196		mg/Kg		120	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2382		mg/Kg		119	70 - 130	2	35
o-Xylene	0.100	0.1223		mg/Kg		122	70 - 130	2	35

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

Lab Sample ID: 890-7409-A-1-D MS

Matrix: Solid

Analysis Batch: 96468

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 96483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1236		mg/Kg		124	70 - 130
Toluene	<0.00201	U	0.100	0.1188		mg/Kg		119	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

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

Lab Sample ID: 890-7409-A-1-D MS

Matrix: Solid

Analysis Batch: 96468

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 96483

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Ethylbenzene	<0.00201	U	0.100	0.1233		mg/Kg		123	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2476		mg/Kg		124	70 - 130	
o-Xylene	<0.00201	U	0.100	0.1247		mg/Kg		125	70 - 130	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7409-A-1-E MSD

Matrix: Solid

Analysis Batch: 96468

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 96483

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Benzene	<0.00201	U	0.100	0.1109		mg/Kg		111	70 - 130		11	35
Toluene	<0.00201	U	0.100	0.1039		mg/Kg		104	70 - 130		13	35
Ethylbenzene	<0.00201	U	0.100	0.1059		mg/Kg		106	70 - 130		15	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2114		mg/Kg		106	70 - 130		16	35
o-Xylene	<0.00201	U	0.100	0.1078		mg/Kg		108	70 - 130		15	35

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

Lab Sample ID: MB 880-96628/5-A

Matrix: Solid

Analysis Batch: 96618

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 96628

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/26/24 09:16	11/26/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/26/24 09:16	11/26/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/26/24 09:16	11/26/24 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/26/24 09:16	11/26/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/26/24 09:16	11/26/24 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/26/24 09:16	11/26/24 11:41	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	110		70 - 130	11/26/24 09:16	11/26/24 11:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/26/24 09:16	11/26/24 11:41	1

Lab Sample ID: LCS 880-96628/1-A

Matrix: Solid

Analysis Batch: 96618

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 96628

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.1122		mg/Kg		112	70 - 130	
Toluene	0.100	0.1111		mg/Kg		111	70 - 130	
Ethylbenzene	0.100	0.1107		mg/Kg		111	70 - 130	
m-Xylene & p-Xylene	0.200	0.2250		mg/Kg		112	70 - 130	

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QC Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

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

Lab Sample ID: LCS 880-96628/1-A
Matrix: Solid
Analysis Batch: 96618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 96628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1155		mg/Kg		116	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	107		70 - 130				
1,4-Difluorobenzene (Surr)	104		70 - 130				

Lab Sample ID: LCSD 880-96628/2-A
Matrix: Solid
Analysis Batch: 96618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 96628

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1115		mg/Kg		112	70 - 130	1	35
Toluene	0.100	0.1110		mg/Kg		111	70 - 130	0	35
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2236		mg/Kg		112	70 - 130	1	35
o-Xylene	0.100	0.1146		mg/Kg		115	70 - 130	1	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: 890-7414-A-1-D MS
Matrix: Solid
Analysis Batch: 96618

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 96628

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1135		mg/Kg		113	70 - 130
Toluene	<0.00200	U	0.100	0.1120		mg/Kg		112	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1111		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2255		mg/Kg		113	70 - 130
o-Xylene	<0.00200	U	0.100	0.1157		mg/Kg		115	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: 890-7414-A-1-E MSD
Matrix: Solid
Analysis Batch: 96618

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96628

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0994	0.1133		mg/Kg		114	70 - 130	0	35
Toluene	<0.00200	U	0.0994	0.1124		mg/Kg		113	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0994	0.1121		mg/Kg		113	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.2270		mg/Kg		114	70 - 130	1	35
o-Xylene	<0.00200	U	0.0994	0.1163		mg/Kg		117	70 - 130	1	35

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QC Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

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

Lab Sample ID: 890-7414-A-1-E MSD
Matrix: Solid
Analysis Batch: 96618

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96628

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-96466/1-A
Matrix: Solid
Analysis Batch: 96449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 96466

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 00:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 00:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/25/24 08:22	11/26/24 00:26	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	109		70 - 130	11/25/24 08:22	11/26/24 00:26	1
o-Terphenyl	86		70 - 130	11/25/24 08:22	11/26/24 00:26	1

Lab Sample ID: LCS 880-96466/2-A
Matrix: Solid
Analysis Batch: 96449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 96466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1062		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	847.0		mg/Kg		85	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: LCSD 880-96466/3-A
Matrix: Solid
Analysis Batch: 96449

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 96466

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1010		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	785.8		mg/Kg		79	70 - 130	7	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	93		70 - 130
o-Terphenyl	82		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

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

Lab Sample ID: 890-7409-A-1-B MS
Matrix: Solid
Analysis Batch: 96449

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 96466

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	865.4		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	690.2	F1	mg/Kg		69	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	80		70 - 130								

Lab Sample ID: 890-7409-A-1-C MSD
Matrix: Solid
Analysis Batch: 96449

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96466

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	884.3		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	701.6		mg/Kg		70	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	80		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-96518/1-A
Matrix: Solid
Analysis Batch: 96560

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0		mg/Kg			11/26/24 01:50	1

Lab Sample ID: LCS 880-96518/2-A
Matrix: Solid
Analysis Batch: 96560

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				Limits
Chloride	250	254.6		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-96518/3-A
Matrix: Solid
Analysis Batch: 96560

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

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limits
Chloride			250	258.6		mg/Kg		103	90 - 110	2	20

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QC Sample Results

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7411-3 MS

Matrix: Solid

Analysis Batch: 96560

Client Sample ID: CS-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	152	F1	252	370.8	F1	mg/Kg		87	90 - 110

Lab Sample ID: 890-7411-3 MSD

Matrix: Solid

Analysis Batch: 96560

Client Sample ID: CS-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	152	F1	252	376.8	F1	mg/Kg		89	90 - 110	2	20

QC Association Summary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

GC VOA

Analysis Batch: 96468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Total/NA	Solid	8021B	96483
890-7411-2	CS-2	Total/NA	Solid	8021B	96483
890-7411-3	CS-3	Total/NA	Solid	8021B	96483
890-7411-4	CS-4	Total/NA	Solid	8021B	96483
890-7411-5	SW-1	Total/NA	Solid	8021B	96483
890-7411-6	SW-2	Total/NA	Solid	8021B	96483
890-7411-7	SW-3	Total/NA	Solid	8021B	96483
890-7411-8	SW-4	Total/NA	Solid	8021B	96483
890-7411-9	SW-5	Total/NA	Solid	8021B	96483
890-7411-10	SW-6	Total/NA	Solid	8021B	96483
890-7411-11	SW-7	Total/NA	Solid	8021B	96483
MB 880-96483/5-A	Method Blank	Total/NA	Solid	8021B	96483
LCS 880-96483/1-A	Lab Control Sample	Total/NA	Solid	8021B	96483
LCSD 880-96483/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	96483
890-7409-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	96483
890-7409-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	96483

Prep Batch: 96483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Total/NA	Solid	5035	
890-7411-2	CS-2	Total/NA	Solid	5035	
890-7411-3	CS-3	Total/NA	Solid	5035	
890-7411-4	CS-4	Total/NA	Solid	5035	
890-7411-5	SW-1	Total/NA	Solid	5035	
890-7411-6	SW-2	Total/NA	Solid	5035	
890-7411-7	SW-3	Total/NA	Solid	5035	
890-7411-8	SW-4	Total/NA	Solid	5035	
890-7411-9	SW-5	Total/NA	Solid	5035	
890-7411-10	SW-6	Total/NA	Solid	5035	
890-7411-11	SW-7	Total/NA	Solid	5035	
MB 880-96483/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-96483/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-96483/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7409-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7409-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 96618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-12	SW-8	Total/NA	Solid	8021B	96628
MB 880-96628/5-A	Method Blank	Total/NA	Solid	8021B	96628
LCS 880-96628/1-A	Lab Control Sample	Total/NA	Solid	8021B	96628
LCSD 880-96628/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	96628
890-7414-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	96628
890-7414-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	96628

Prep Batch: 96628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-12	SW-8	Total/NA	Solid	5035	
MB 880-96628/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-96628/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-96628/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

GC VOA (Continued)

Prep Batch: 96628 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7414-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7414-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 96635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Total/NA	Solid	Total BTEX	
890-7411-2	CS-2	Total/NA	Solid	Total BTEX	
890-7411-3	CS-3	Total/NA	Solid	Total BTEX	
890-7411-4	CS-4	Total/NA	Solid	Total BTEX	
890-7411-5	SW-1	Total/NA	Solid	Total BTEX	
890-7411-6	SW-2	Total/NA	Solid	Total BTEX	
890-7411-7	SW-3	Total/NA	Solid	Total BTEX	
890-7411-8	SW-4	Total/NA	Solid	Total BTEX	
890-7411-9	SW-5	Total/NA	Solid	Total BTEX	
890-7411-10	SW-6	Total/NA	Solid	Total BTEX	
890-7411-11	SW-7	Total/NA	Solid	Total BTEX	
890-7411-12	SW-8	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 96449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Total/NA	Solid	8015B NM	96466
890-7411-2	CS-2	Total/NA	Solid	8015B NM	96466
890-7411-3	CS-3	Total/NA	Solid	8015B NM	96466
890-7411-4	CS-4	Total/NA	Solid	8015B NM	96466
890-7411-5	SW-1	Total/NA	Solid	8015B NM	96466
890-7411-6	SW-2	Total/NA	Solid	8015B NM	96466
890-7411-7	SW-3	Total/NA	Solid	8015B NM	96466
890-7411-8	SW-4	Total/NA	Solid	8015B NM	96466
890-7411-9	SW-5	Total/NA	Solid	8015B NM	96466
890-7411-10	SW-6	Total/NA	Solid	8015B NM	96466
890-7411-11	SW-7	Total/NA	Solid	8015B NM	96466
890-7411-12	SW-8	Total/NA	Solid	8015B NM	96466
MB 880-96466/1-A	Method Blank	Total/NA	Solid	8015B NM	96466
LCS 880-96466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	96466
LCSD 880-96466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	96466
890-7409-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	96466
890-7409-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	96466

Prep Batch: 96466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Total/NA	Solid	8015NM Prep	
890-7411-2	CS-2	Total/NA	Solid	8015NM Prep	
890-7411-3	CS-3	Total/NA	Solid	8015NM Prep	
890-7411-4	CS-4	Total/NA	Solid	8015NM Prep	
890-7411-5	SW-1	Total/NA	Solid	8015NM Prep	
890-7411-6	SW-2	Total/NA	Solid	8015NM Prep	
890-7411-7	SW-3	Total/NA	Solid	8015NM Prep	
890-7411-8	SW-4	Total/NA	Solid	8015NM Prep	
890-7411-9	SW-5	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

GC Semi VOA (Continued)

Prep Batch: 96466 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-10	SW-6	Total/NA	Solid	8015NM Prep	
890-7411-11	SW-7	Total/NA	Solid	8015NM Prep	
890-7411-12	SW-8	Total/NA	Solid	8015NM Prep	
MB 880-96466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-96466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-96466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7409-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7409-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 96646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Total/NA	Solid	8015 NM	
890-7411-2	CS-2	Total/NA	Solid	8015 NM	
890-7411-3	CS-3	Total/NA	Solid	8015 NM	
890-7411-4	CS-4	Total/NA	Solid	8015 NM	
890-7411-5	SW-1	Total/NA	Solid	8015 NM	
890-7411-6	SW-2	Total/NA	Solid	8015 NM	
890-7411-7	SW-3	Total/NA	Solid	8015 NM	
890-7411-8	SW-4	Total/NA	Solid	8015 NM	
890-7411-9	SW-5	Total/NA	Solid	8015 NM	
890-7411-10	SW-6	Total/NA	Solid	8015 NM	
890-7411-11	SW-7	Total/NA	Solid	8015 NM	
890-7411-12	SW-8	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 96518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Soluble	Solid	DI Leach	
890-7411-2	CS-2	Soluble	Solid	DI Leach	
890-7411-3	CS-3	Soluble	Solid	DI Leach	
890-7411-4	CS-4	Soluble	Solid	DI Leach	
890-7411-5	SW-1	Soluble	Solid	DI Leach	
890-7411-6	SW-2	Soluble	Solid	DI Leach	
890-7411-7	SW-3	Soluble	Solid	DI Leach	
890-7411-8	SW-4	Soluble	Solid	DI Leach	
890-7411-9	SW-5	Soluble	Solid	DI Leach	
890-7411-10	SW-6	Soluble	Solid	DI Leach	
890-7411-11	SW-7	Soluble	Solid	DI Leach	
890-7411-12	SW-8	Soluble	Solid	DI Leach	
MB 880-96518/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-96518/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-96518/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7411-3 MS	CS-3	Soluble	Solid	DI Leach	
890-7411-3 MSD	CS-3	Soluble	Solid	DI Leach	

Analysis Batch: 96560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-1	CS-1	Soluble	Solid	300.0	96518
890-7411-2	CS-2	Soluble	Solid	300.0	96518
890-7411-3	CS-3	Soluble	Solid	300.0	96518

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

HPLC/IC (Continued)

Analysis Batch: 96560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7411-4	CS-4	Soluble	Solid	300.0	96518
890-7411-5	SW-1	Soluble	Solid	300.0	96518
890-7411-6	SW-2	Soluble	Solid	300.0	96518
890-7411-7	SW-3	Soluble	Solid	300.0	96518
890-7411-8	SW-4	Soluble	Solid	300.0	96518
890-7411-9	SW-5	Soluble	Solid	300.0	96518
890-7411-10	SW-6	Soluble	Solid	300.0	96518
890-7411-11	SW-7	Soluble	Solid	300.0	96518
890-7411-12	SW-8	Soluble	Solid	300.0	96518
MB 880-96518/1-A	Method Blank	Soluble	Solid	300.0	96518
LCS 880-96518/2-A	Lab Control Sample	Soluble	Solid	300.0	96518
LCSD 880-96518/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	96518
890-7411-3 MS	CS-3	Soluble	Solid	300.0	96518
890-7411-3 MSD	CS-3	Soluble	Solid	300.0	96518

Lab Chronicle

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: CS-1

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/25/24 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/25/24 16:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 03:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 03:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 03:30	SMC	EET MID

Client Sample ID: CS-2

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/25/24 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/25/24 17:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 04:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 04:06	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 03:36	SMC	EET MID

Client Sample ID: CS-3

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/25/24 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/25/24 17:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 04:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 04:37	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 03:43	SMC	EET MID

Client Sample ID: CS-4

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/25/24 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/25/24 18:12	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: CS-4

Lab Sample ID: 890-7411-4

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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			96646	11/26/24 04:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 04:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 04:03	SMC	EET MID

Client Sample ID: SW-1

Lab Sample ID: 890-7411-5

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

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	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/25/24 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/25/24 18:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 05:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 05:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 04:10	SMC	EET MID

Client Sample ID: SW-2

Lab Sample ID: 890-7411-6

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/25/24 18:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/25/24 18:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 05:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 05:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 04:30	SMC	EET MID

Client Sample ID: SW-3

Lab Sample ID: 890-7411-7

Date Collected: 11/22/24 00:00

Matrix: Solid

Date Received: 11/22/24 12:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/26/24 07:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/26/24 07:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 05:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 05:40	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-3

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-7

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			5.04 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 04:36	SMC	EET MID

Client Sample ID: SW-4

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-8

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	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/26/24 08:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/26/24 08:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 05:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 05:56	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 04:43	SMC	EET MID

Client Sample ID: SW-5

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-9

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			4.98 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/26/24 08:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/26/24 08:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 06:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 06:12	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 04:50	SMC	EET MID

Client Sample ID: SW-6

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/26/24 08:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/26/24 08:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 06:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 06:27	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 04:56	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
SDG: 248763

Client Sample ID: SW-7

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	96483	11/25/24 09:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96468	11/26/24 09:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/26/24 09:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 06:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 06:43	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 05:03	SMC	EET MID

Client Sample ID: SW-8

Date Collected: 11/22/24 00:00

Date Received: 11/22/24 12:57

Lab Sample ID: 890-7411-12

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			5.03 g	5 mL	96628	11/26/24 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	96618	11/26/24 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			96635	11/26/24 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			96646	11/26/24 06:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	96466	11/25/24 08:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	96449	11/26/24 06:59	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	96518	11/25/24 11:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	96560	11/26/24 05:10	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Yates to Kaiser Line

Job ID: 890-7411-1
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: 890-7411-1
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: 890-7411-1
SDG: 248763

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7411-1	CS-1	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-2	CS-2	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-3	CS-3	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-4	CS-4	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-5	SW-1	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-6	SW-2	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-7	SW-3	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-8	SW-4	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-9	SW-5	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-10	SW-6	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-11	SW-7	Solid	11/22/24 00:00	11/22/24 12:57
890-7411-12	SW-8	Solid	11/22/24 00:00	11/22/24 12:57



Chain of Custody

Work Order No:



of 2

Project Manager:	Ethan Sessums	Bill to (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

880-7411 Chain of Custody

Program: ☐ Superfund ☐ ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other: ☐

Project Name:	Yates to Kaiser Line	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes
Project Number:	248763	☒ Routine ☐ Rush														None: NO DI Water: H ₂ O
Project Location:	Lea County, NM	Due Date:														Cool: Cool MeOH: Me
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN
PO #																H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☐ No	Wet Ice:	☒ Yes ☐ No	Parameters										H ₃ PO ₄ : HP
Received Intact:	☒ Yes ☐ No	Thermometer ID:				BTEX 8021B										NaHSO ₄ : NABIS
Cooler Custody Seals:	☒ Yes ☐ No	Correction Factor:				TPH 8015M (GRO + DRO + MRO)										Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	☒ Yes ☐ No	Temperature Reading:				Chloride 4500										Zn Acetate+NaOH: Zn
Total Containers:	12	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont										Sample Comments
CS-1	11/22/2024		X		Comp	1	X	X	X							
CS-2	11/22/2024		X		Comp	1	X	X	X							
CS-3	11/22/2024		X		Comp	1	X	X	X							
CS-4	11/22/2024		X		Comp	1	X	X	X							
SW-1	11/22/2024		X		Comp	1	X	X	X							
SW-2	11/22/2024		X		Comp	1	X	X	X							
SW-3	11/22/2024		X		Comp	1	X	X	X							
SW-4	11/22/2024		X		Comp	1	X	X	X							
SW-5	11/22/2024		X		Comp	1	X	X	X							
SW-6	11/22/2024		X		Comp	1	X	X	X							

Additional Comments:

Direct Bill to Shelly Cowden

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$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		12:45 11-22	3		4
5			6		



Chain of Custody

Work Order No: _____

Page 2 of 2

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@ntglocal.com

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

[illegible][illegible]

Additional Comments:

Direct Bill to Shelly Cowden

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions. Xenoco 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 Xenoco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, 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 		12/4/11-22			
3		4			
6		6			

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Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-4344.1									
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas	Page: Page 1 of 2										
Company: Eurofins Environment Testing South Cent		Accreditations Required (See note): NELAP - Texas		Job #: 890-7411-1										
Address: 1211 W. Florida Ave, Midland TX, 79701		Due Date Requested: 12/2/2024		Preservation Codes:										
City: Midland		TAT Requested (days): N/A												
State, Zip: TX, 79701														
Phone: 432-704-5440(Tel)		PO #: N/A												
Email: N/A		WO #: N/A												
Project Name: Yates to Kaiser Line		Project #: 88000222												
Site: N/A		SSOW#: N/A		Other: N/A										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=Overstabil, BT=BTSS, A=Ad)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	8015MOD_Calc	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
CS-1 (890-7411-1)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
CS-2 (890-7411-2)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
CS-3 (890-7411-3)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
CS-4 (890-7411-4)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
SW-1 (890-7411-5)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
SW-2 (890-7411-6)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
SW-3 (890-7411-7)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
SW-4 (890-7411-8)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	
SW-5 (890-7411-9)	11/22/24	Central	G	Solid		X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Cent, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Cent, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Cent, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Cent, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Expiry Kit Relinquished by: <i>[Signature]</i>	Date/Time: 11/22/24 16:36	Company: _____	Received by: <i>[Signature]</i>	Date/Time: _____	Company: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____	Date/Time: _____	Company: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____	Date/Time: _____	Company: _____

Custody Seals Intact: ☐ Yes ☐ No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7411-1

SDG Number: 248763

Login Number: 7411

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7411-1
SDG Number: 248763

Login Number: 7411
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 11/25/24 08:21 AM

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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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

Action 417529

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2221556302
Incident Name	NAPP2221556302 YATES TO KAISER LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report 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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QUESTIONS, Page 2

Action 417529

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 05/31/2024
--	---

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QUESTIONS, Page 3

Action 417529

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	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
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 417529

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 01/06/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 417529

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 417529

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	404594
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/22/2024
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	1000

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	686
What was the total volume (cubic yards) remediated	111
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Please read report

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 01/06/2025
--	---

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Phone: (505) 476-3441

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QUESTIONS, Page 7

Action 417529

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 417529

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 417529
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	1/7/2025
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	1/7/2025