



402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432-701-2159
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April 9, 2025

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

Re: Site Characterization and Remediation Work Plan
Wellspring Buffalo Trace Frac Temp Booster
Unit D, Section 25, Township 26S, Range 29 E
Site Coordinates: 32.01674°, - 103.94351°
Eddy County, New Mexico
Incident ID: nAPP2430455406

1. Introduction

On behalf of entry Construction (Sentry), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment and sample analysis results for the Wellspring Buffalo Trace Frac Temp Booster (Site). The Site is located in Unit Letter D, Section 25, of Township 26 South and Range 29 East in Eddy County, New Mexico. The GPS coordinates for the release site are, 32.01674° N latitude and -103.94351° 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 occurred on October 15, 2024, when an operator spotted a section of pipeline leaking on, southwest, and west of the lease road leading to the Wellspring Buffalo Trace Frac Temp Booster. Upon discovery, the site was shut-in and repairs ensued. The spill resulted in the release of approximately 78 bbls of produced water of which 20 bbls were recovered for an approximate net loss of 58 bbls of produced water. The release area is shown on Figure 3. The release Notification portions of Form C-141 for incident number nAPP2430455406 is attached to this report.

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3. Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one water well, located within a half mile, which was drilled to 105 ft bgs to determine depth to water with no water being discovered. There is a riverine that runs through the release area of the site. According to the Karst Potential Map, the part of Site is located within a High Karst area and part of the Site is within a Medium Karst rea. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is 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)
Medium & High	>100

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)	TPH (GRO+MRO)	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 January 30, 2025, NTGE conducted site assessment activities to assess the extent of impacts at the Site. A total of eight (8) vertical sample points (V-1 through V-8) and ten (10) horizontal sample points (H-1 through H-10) were installed within and adjacent to the release area in order to characterize the impact. Soil samples were collected at 0.5 feet (ft) to 1 ft intervals to a maximum depth of 4.5 ft below grade surface (bgs), with a geotechnical hand auger. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8221B, total petroleum hydrocarbon (TPH) by method 8015M, and chloride by EPA 300.0 by Eurofins in Carlsbad, New Mexico. The analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits in the areas of V-1 at a depth of two (2) to four and a half (4.5) ft, V-3 to a depth of zero (0) to six inches bgs, V-6 at a depth of four (4) to four and a half (4.5) ft bgs, and V-4, and V-5 from surface to a depth of 4.5 ft bgs. Analytical results are included in Table 1, while sampling locations are shown on Figure 3. All of the other samples exhibited chloride concentrations below Table 1 Closure Criteria.

On March 21, 2025, NTGE and Sentry Construction Services, LLC (Sentry) mobilized to the site to further delineate V-1, V-2, V-4, V-5, and V-6 utilizing mechanical equipment. Samples were collected from depths ranging from five (5) to seven and a half (7.5) ft bgs. The samples were taken to Eurofins for analysis of BTEX, TPH, and chlorides. Analytical results indicated V-4 exhibited chloride concentrations above Table 1 Closure criteria from five (5) to seven and a half (7.5) ft bgs. The areas represented by V-2 and V-4 could not be sampled

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April 1, 2025

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further due to the backhoe meeting refusal. All other samples exhibited chloride concentrations below Table 1 closure Criteria.

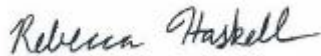
5. Proposed Work Plan

After receiving and evaluating the soil boring data, NTGE proposes to excavate and delineate the soils in the vicinity of V-1 through V-6 to an appropriate depth to ensure that the impacted soil has been removed. The area represented by V-3 will be excavated to a depth of one and a half (1.5) ft bgs and the areas of V-1, V-5, and V-6 will be excavated to a depth of five and a half (5.5) ft bgs or until confirmation samples are below Table I Closure Criteria. Further delineation is required for the areas represented by V-2 and V-4. These two (2) areas will be further delineated during excavation activities and the impacted soil will be removed. The minimum material that will require excavation will approximately be 3,937 Cubic Yards. Confirmation samples will be taken as a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015M Modified and chloride by EPA 300.0/SM4500Cl-B. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13 the areas will be further excavated until concentrations are below Table 1 Closure Criteria. Remediation will be complete within 90 days of approval from the NMOCD to proceed.

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

Sincerely,

NTG Environmental



Rebecca Haskell

Environmental Manager

Attachments:

Table
Figures
Initial C-141/Remediation C-141
Site Characterization Documentation
Photographic Log
Laboratory Reports and Chain-of-Custody Documents

NTGE Project No.: 259634



TABLE

Table 1
Summary of Soil Analytical Data - Delineation Samples
Wellspring Buffalo Trace Temp Booster
Sentry Construction
Eddy Co., NM

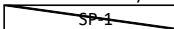
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
Vertical Delineation Samples													
V-1	1/30/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	513
	1/30/2025	1'-1.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	298
	1/30/2025	2'-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	958
	1/30/2025	3'-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	409
	1/30/2025	4'-4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	1,220
	3/21/2025	5-5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.6	<49.6	<49.6	<49.6	<49.6	563
3/21/2025	6-6.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	161	
V-2	1/30/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	4,920
	1/30/2025	1'-1.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	2,620
	1/30/2025	2'-2.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	1,320
	1/30/2025	3'-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1,520
	1/30/2025	4'-4.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	3,610
V-3	1/30/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	4,290
	1/30/2025	1'-1.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	230
	1/30/2025	2'-2.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	259
	1/30/2025	3'-3.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	179
	1/30/2025	4'-4.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	171
V-4	1/30/2025	0-6"	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	4,070
	1/30/2025	1'-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	3,160
	1/30/2025	2'-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	5,160
	1/30/2025	3'-3.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.7	<49.7	<49.7	<49.7	<49.7	4,020
	1/30/2025	4'-4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	3,740
	3/21/2025	5-5.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	3,150
	3/21/2025	6-6.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	3,770
	3/21/2025	7-7.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	4,170
V-5	1/30/2025	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	3,330
	1/30/2025	1'-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	1,460
	1/30/2025	2'-2.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	1,050
	1/30/2025	3'-3.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	753
	1/30/2025	4'-4.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	<49.7	<49.7	<49.7	<49.7	1,270
	3/21/2025	5-5.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	211
	3/21/2025	6-6.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	172
V-6	1/30/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	56.1
	1/30/2025	1'-1.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	141
	1/30/2025	2'-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	19.7
	1/30/2025	3'-3.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	228
	1/30/2025	4'-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	638
	3/21/2025	5-5.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.6	<49.6	<49.6	<49.6	<49.6	206

Table 1
Summary of Soil Analytical Data - Delineation Samples
Wellspring Buffalo Trace Temp Booster
Sentry Construction
Eddy Co., NM

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
V-7	1/30/2025	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	117
	1/30/2025	1'-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	216
	1/30/2025	2'-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	29.5
	1/30/2025	3'-3.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	134
	1/30/2025	4'-4.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	86.3
V-8	1/30/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	502
	1/30/2025	1'-1.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.7	<49.7	<49.7	<49.7	<49.7	187
	1/30/2025	2'-2.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	255
	1/30/2025	3'-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	117
	1/30/2025	4'-4.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	75.9
Horizontal Delineation Samples													
H-1	1/30/2025	0-6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	54.5
H-2	1/30/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	97.6
H-3	1/30/2025	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	27.7
H-4	1/30/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<9.96
H-5	1/30/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	51.0
H-6	1/30/2025	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	246
H-7	1/30/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	240
H-8	1/30/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	269
H-9	1/30/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	38.1
H-10	1/30/2025	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	12.8

Notes:

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

 Sample Point Excavated

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

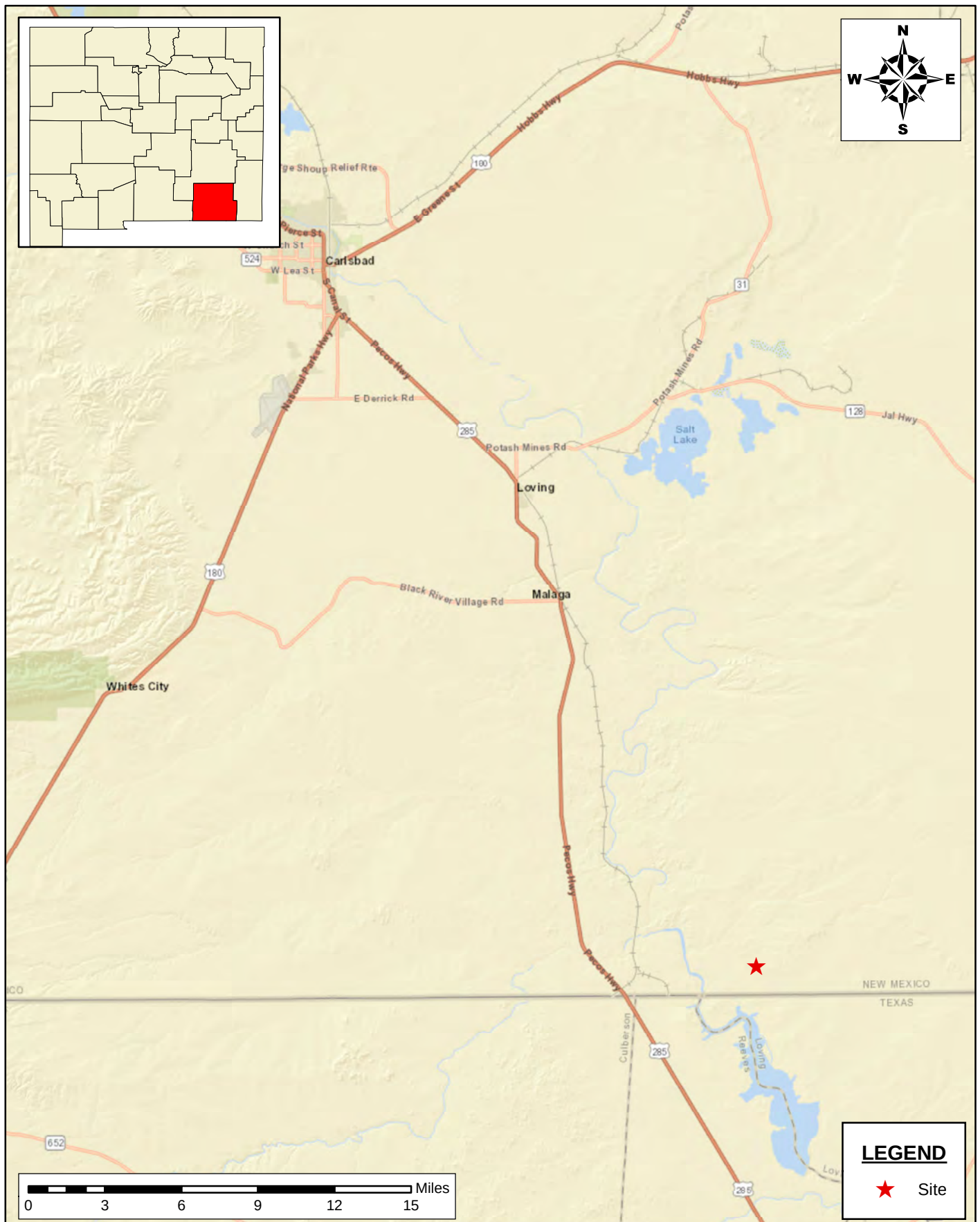
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

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).

- Not Analyzed

FIGURES

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SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
 SENTRY CONSTRUCTION
 WELLSRING BUFFALO TRACE TEMP BOOSTER
 EDDY COUNTY, NEW MEXICO
 32.016740° -103.943510°

SCALE: As Shown Date: 4/1/2025 PROJECT #: 259634

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



NOTES:

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

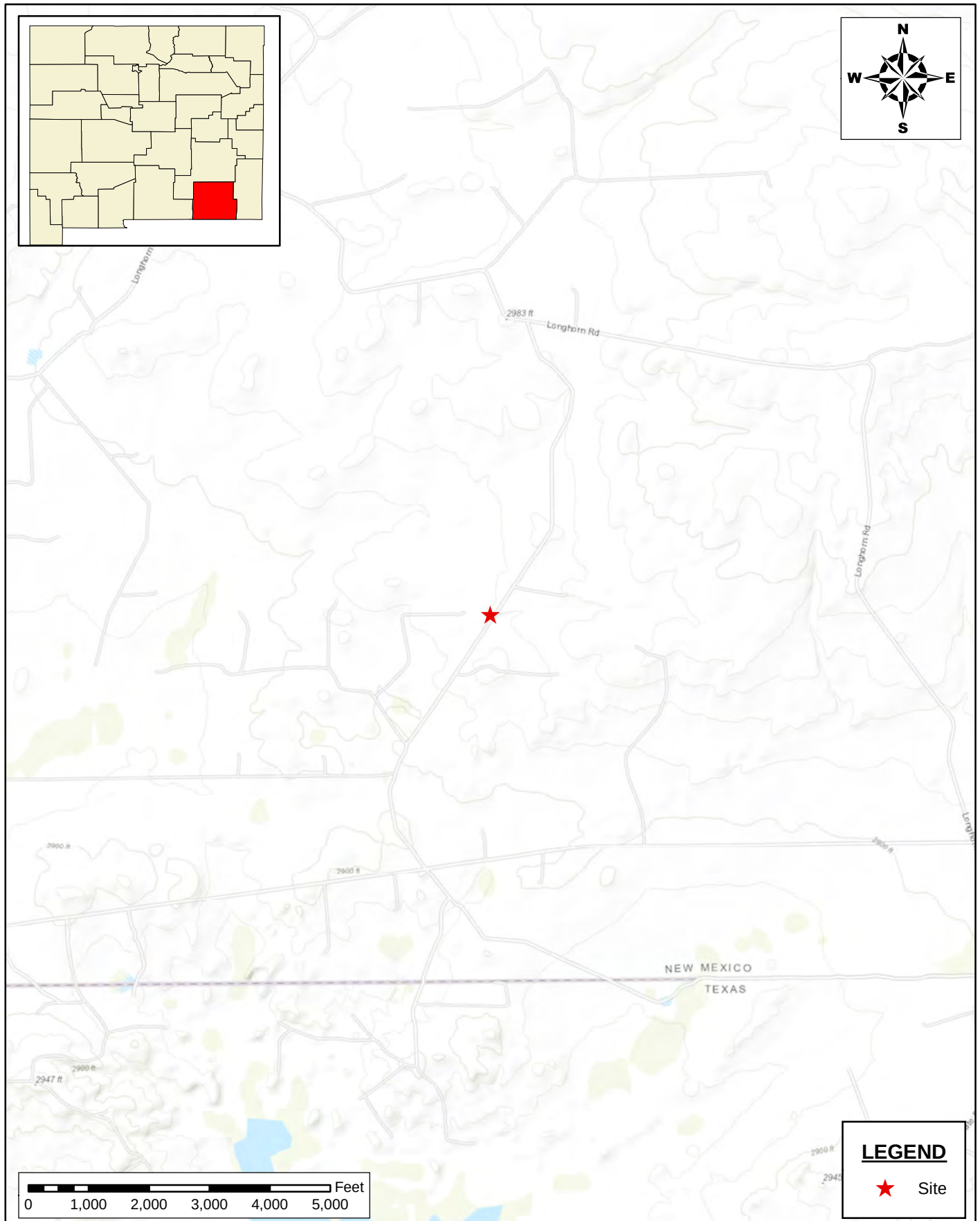
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntg\Documents\New Tech Global\NTGE - Projects\2025 PROJECTS\SENTRY CONSTRUCTION\259634 Wellspring Buffalo Trace Temp Booster\7 - Figures\GIS\Figure 2_T.M.mxd



TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
 SENTRY CONSTRUCTION
 WELLSRING BUFFALO TRACE TEMP BOOSTER
 EDDY COUNTY, NEW MEXICO
 32.016740° -103.943510°

SCALE: As Shown

Date: 4/1/2025

PROJECT #: 259634



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

NOTES:

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

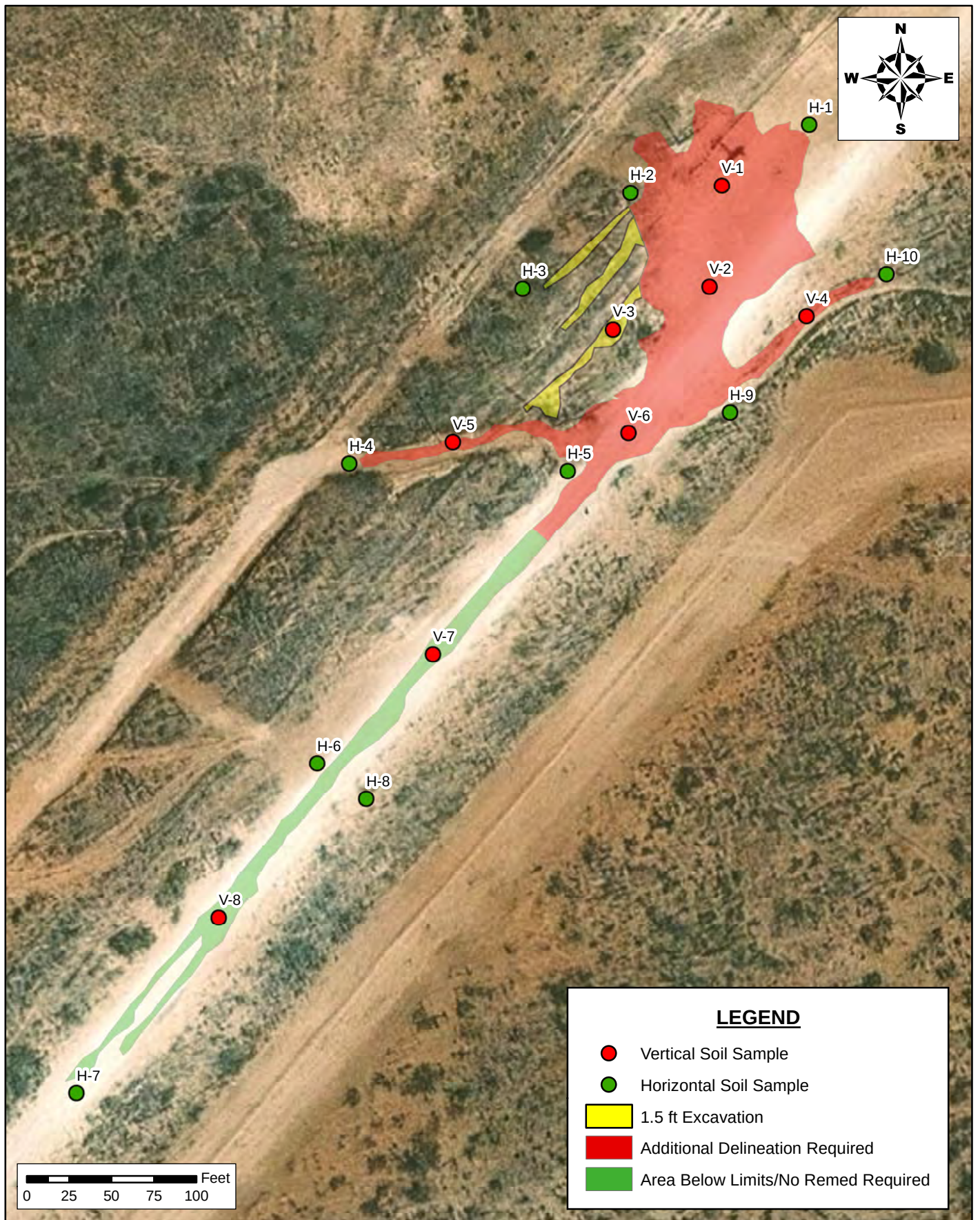
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2025 PROJECTS\SENTRY CONSTRUCTION\259634 Wellspring Buffalo Trace Temp Booster\7 - Figures\GIS\Figure_3_Closure Map.mxd



DELINEATION MAP
SITE ASSESSMENT REPORT
 SENTRY CONSTRUCTION
 WELLSRING BUFFALO TRACE TEMP BOOSTER
 EDDY COUNTY, NEW MEXICO
 32.016740° -103.943510°

SCALE: AS SHOWN DATE: 04/01/2025 PROJECT #: 259634



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

NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

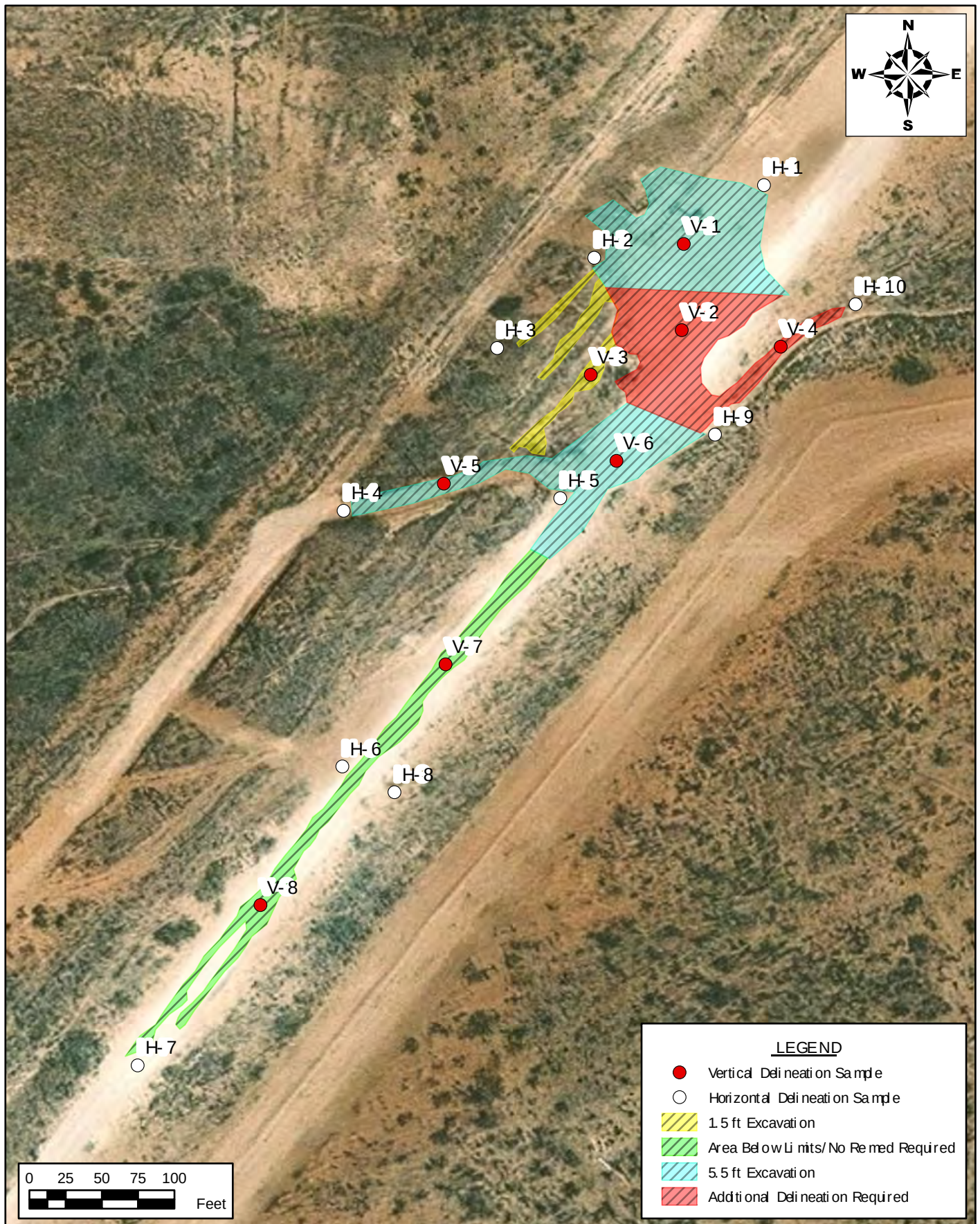
DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntg\gis\Desktop\Geodatabase\Figure_4_ProposedExcavation&DelineationMap_04082025.aprx



PROPOSED EXCAVATION AND DELINEATION SAMPLE MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
SENTRY CONSTRUCTION
 WELLSRING BUFFALO TRACE TEMP BOOSTER
 EDDY COUNTY, NEW MEXICO
 32.016740, -103.943510

SCALE: As Shown

Date: 4/8/2025

PROJECT #: 259634

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

**NOTES:**

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

Wellspring Buffalo Trace Temp Booster Excavation Map

Blue: 12,293 sqft X 5.5 ft = ~ 2,504 CY

Yellow: 1585 sqft X 1.5ft = ~ 88 CY

Red (undelineated CY is based on Min. estimated depth ~ 5.5 ft): 5,358 sqft X 5.5 ft = ~ 1,092 CY

Purple (undelineated CY is based on Min. estimated depth ~ 8.5 ft): 934 sqft X 8.5 ft = ~ 294

Total (Min.) Estimated Cubic Yardage: 3,978 CY

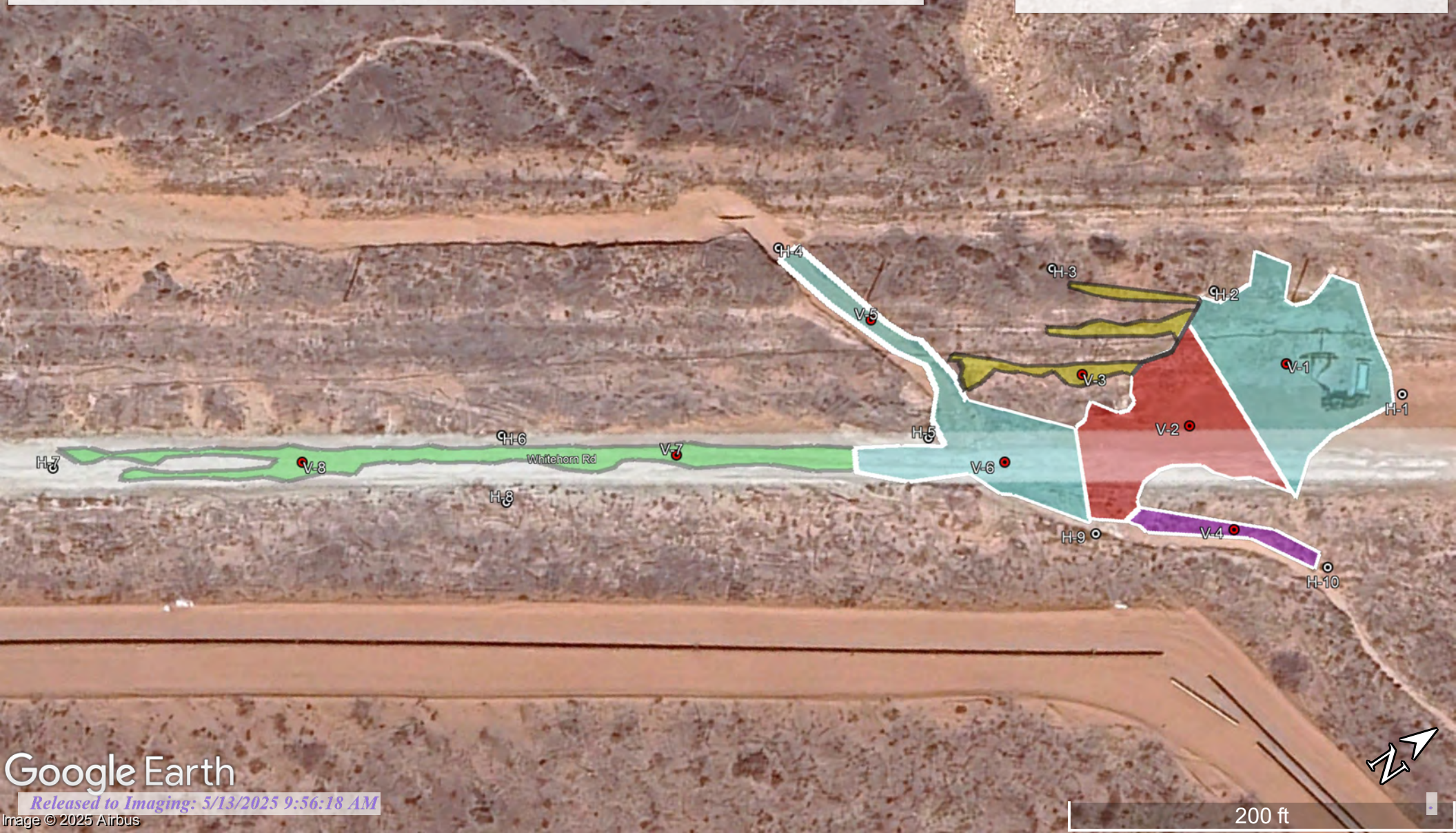
ft - feet

sqft - square feet

CY - Cubic Yards

Legend

- 1.5 ft Excavation
- 5.5 ft Excavation
- Additional Delineation Required
- Area Below Limits/No Remed Required
- Horizontal Delineation Point
- Needs Further Delineation
- Vertical Delineation Point



INITIAL C-141

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

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

QUESTIONS

Action 397546

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 397546
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Wellspring Buffalo Trace Temp Booster
Date Release Discovered	10/15/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 78 BBL Recovered: 20 BBL Lost: 58 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 397546

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 397546
	Action Type: [NOTIFY] Notification Of Release (NOR)

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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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1220 S. St Francis Dr.
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ACKNOWLEDGMENTS

Action 397546

ACKNOWLEDGMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 397546
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	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.
☒	I acknowledge the fact that 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.
☒	I acknowledge the fact that, 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.

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CONDITIONS

Action 397546

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 397546
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
c.walker	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/30/2024

SITE CHARACTERIZATION DOCUMENTATION



1/28/2025, 2:34:34 PM

- 

Site
- 

OSE Water PODs
- 

Karst Occurrence Potential



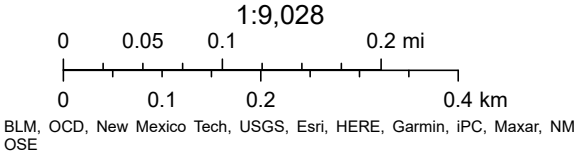
Medium



OSE Streams



High



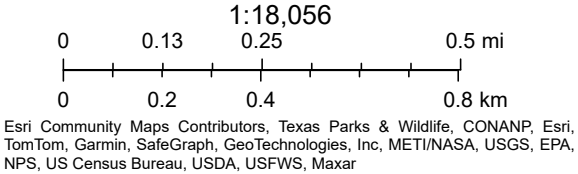
OSE POD Location Map



1/28/2025, 2:39:21 PM

GIS WATERS PODs

- Pending
- Plugged
- Active
-





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DJJ AUG 17 2021 PM 3:11

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (BH-01)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4561			
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 1	SECONDS 14.17	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	56	30.83	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SW Sec. 31T23S R33E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 07/28/2021		DRILLING ENDED 07/28/2021		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) n/a	
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	C-4561	POD NO.	POD1	TRN NO.	701043
LOCATION	24S-29E-24 433			WELL TAG ID NO.	PAGE 1 OF 2

DSE DTI AUG 17 2021 PM3:11

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	5	5	Caliche, poor- moderate consolidation, Off white-tan	Y ✓ N	
	5	10	5	Sand, fine grained, poorly graded, with caliche gravel, Reddish Brown	Y ✓ N	
	10	25	15	Clayey Sand, fine grained, poorly graded, Reddish Brown	Y ✓ N	
	25	30	5	Silty Sand, fine grained, poorly graded, Reddish Brown , Dry	Y ✓ N	
	30	45	15	Gravelly Silty, some gypsum, graded, Reddish Brown , Dry	Y ✓ N	
	45	60	15	Siltstone, poorly cemented, Reddish Brown, Dry	Y ✓ N	
	60	105	45	Claystone, Low plasticity, cohesive, some gypsum, Reddish Brown-Dark , moist	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jackie D. Atkins 08/16/2021
	SIGNATURE OF DRILLER / PRINT SIGNED NAME DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO.	C-456	POD NO.	POD 1
LOCATION	24S-29E-74433	TRN NO.	701043
		WELL TAG ID NO.	PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4561- POD1

Well owner: XTO ENERGY (Kyle Littrell)

Phone No.: 432.682.8873

Mailing address: 6401 Holiday Hill Dr.

City: Midland

State: Texas

Zip code: 79707

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt, Carmelo Trevino

4) Date well plugging began: 07/27/2021 8/12/2021 Date well plugging concluded: 07/27/2021 8/12/2021 *Per Chris Cortez*

5) GPS Well Location: Latitude: 32 deg, 1 min, 14.17 sec
Longitude: 103 deg, 56 min, 30.83 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 07/20/2021

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

DSE DIT AUG 17 2021 PM 3:12

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-10'	Hydrated Bentonite	Approx. 16 gallons	16 gallons	Augers	
10'-105'	Drill Cuttings	Approx. 175 gallons	175 gallons	Boring	

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

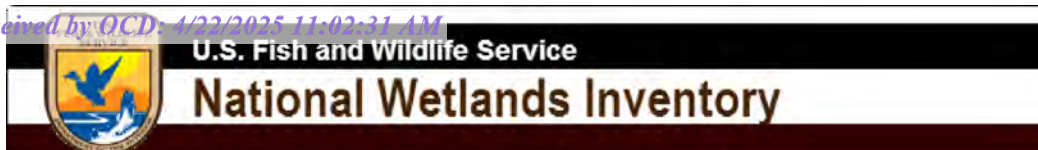
Jackie Atkins

Signature of Well Driller

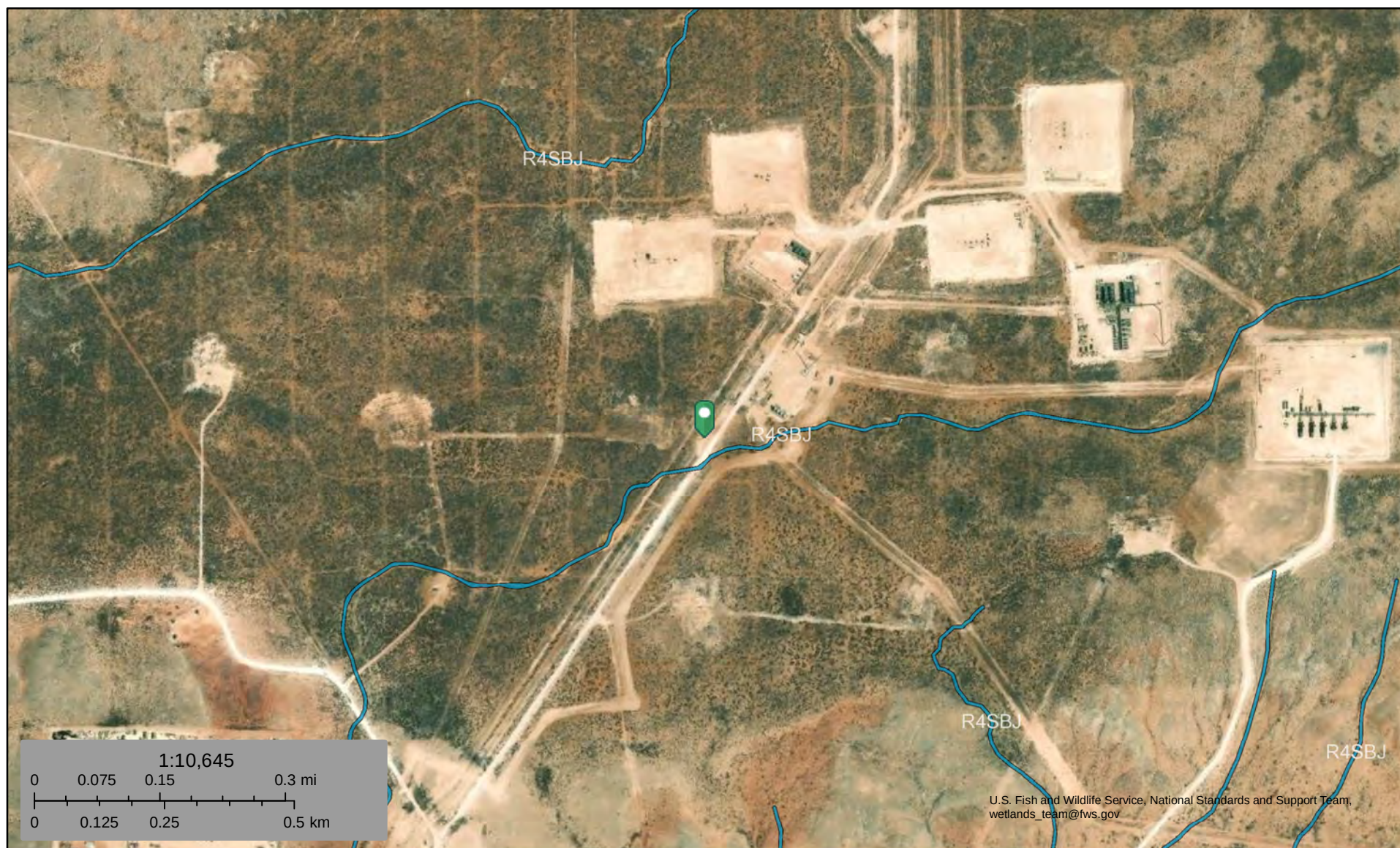
08/16/2021

Date





Wellspring Buffalo Trace Temp Booster



January 28, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°56'55"W 32°1'16"N



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

1:6,000

103°56'18"W 32°0'45"N

Released to Imaging: 5/13/2025 9:36:18 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/28/2025 at 8:48 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Mewbourne Oil Company, Inc.

Photograph No. 1

Facility:

Wellspring Buffalo Trace Temp Booster

County:

Eddy County, New Mexico

Description:

Area of concern.



Photograph No. 2

Facility:

Wellspring Buffalo Trace Temp Booster

County:

Eddy County, New Mexico

Description:

Area of concern.



Photograph No. 3

Facility:

Wellspring Buffalo Trace Temp Booster

County:

Eddy County, New Mexico

Description:

Area of concern.



PHOTOGRAPHIC LOG

Mewbourne Oil Company, Inc.

Photograph No. 4

Facility:

Wellspring Buffalo Trace Temp Booster

County:

Eddy County, New Mexico

Description:

Area of concern.



Photograph No. 5

Facility:

Wellspring Buffalo Trace Temp Booster

County:

Eddy County, New Mexico

Description:

Area of concern.



Photograph No. 6

Facility:

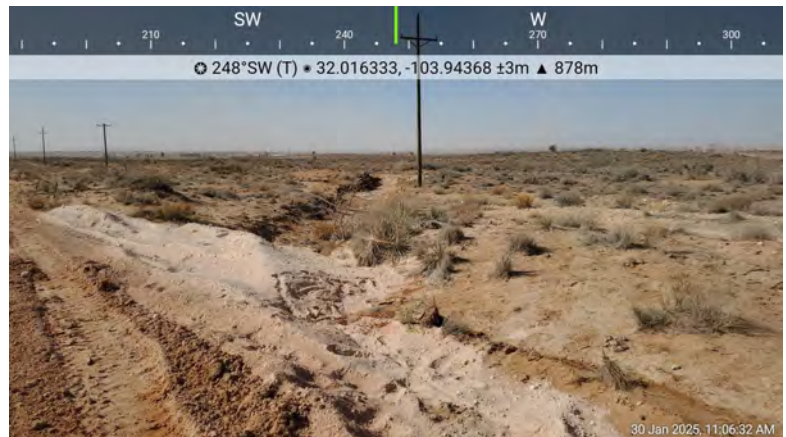
Wellspring Buffalo Trace Temp Booster

County:

Eddy County, New Mexico

Description:

Area of concern.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell

NT Global

701 Tradewinds Blvd

Midland, Texas 79706

Generated 2/11/2025 4:49:39 PM Revision 2

JOB DESCRIPTION

Wellspring Buffalo Trace Temp Booster

259634

JOB NUMBER

890-7613-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



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

Generated
2/11/2025 4:49:39 PM
Revision 2

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Laboratory Job ID: 890-7613-1
SDG: 259634

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Definitions/Glossary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Qualifiers

GC VOA

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

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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
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

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Case Narrative

Client: NT Global
Project: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1

Job ID: 890-7613-1**Eurofins Carlsbad****Job Narrative
890-7613-1**REVISION

The report being provided is a revision of the original report sent on 2/5/2025. The report (revision 2) is being revised due to Per client email, requesting sample ID Correction.

Report revision history

Revision 1 - 2/11/2025 - Reason - Per client email, requesting chloride re run.

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 1/30/2025 2:39 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 11.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: V-1 (890-7613-1), V-1 (890-7613-2), V-1 (890-7613-3), V-1 (890-7613-4), V-1 (890-7613-5), V-2 (890-7613-6), V-2 (890-7613-7), V-2 (890-7613-8), V-2 (890-7613-9), V-2 (890-7613-10), V-3 (890-7613-11), V-3 (890-7613-12), V-3 (890-7613-13), V-3 (890-7613-14), V-3 (890-7613-15), V-4 (890-7613-16), V-4 (890-7613-17), V-4 (890-7613-18), V-4 (890-7613-19), V-4 (890-7613-20), V-5 (890-7613-21), V-5 (890-7613-22), V-5 (890-7613-23), V-5 (890-7613-24), V-5 (890-7613-25), V-6 (890-7613-26), V-6 (890-7613-27), V-6 (890-7613-28), V-6 (890-7613-29), V-6 (890-7613-30), V-7 (890-7613-31), V-7 (890-7613-32), V-7 (890-7613-33), V-7 (890-7613-34), V-7 (890-7613-35), V-8 (890-7613-36), V-8 (890-7613-37), V-8 (890-7613-38), V-8 (890-7613-39), V-8 (890-7613-40), H-1 (890-7613-41), H-2 (890-7613-42), H-3 (890-7613-43), H-4 (890-7613-44), H-5 (890-7613-45), H-6 (890-7613-46), H-7 (890-7613-47), H-8 (890-7613-48), H-9 (890-7613-49) and H-10 (890-7613-50).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-101718 and analytical batch 880-101712 was outside the upper control limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-101714 and analytical batch 880-101710 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-101716 and analytical batch 880-101709. The associated laboratory control sample (LCS) met acceptance criteria.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-101684 and analytical batch 880-101850 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101684 and 880-101685 and analytical batch 880-101850 were outside control limits for one or more analytes. See QC Sample Results for

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Case Narrative

Client: NT Global
Project: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1

Job ID: 890-7613-1 (Continued)

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detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-101684 and analytical batch 880-101850 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: V-1 (890-7613-2), V-1 (890-7613-4), V-1 (890-7613-5), V-2 (890-7613-6), V-2 (890-7613-7), V-2 (890-7613-9), V-3 (890-7613-13), V-3 (890-7613-14), V-3 (890-7613-15), V-4 (890-7613-17), V-4 (890-7613-19), V-4 (890-7613-20), V-5 (890-7613-24), V-5 (890-7613-25), V-6 (890-7613-29), V-6 (890-7613-30), V-7 (890-7613-31), V-7 (890-7613-33), V-7 (890-7613-35), (LCS 880-101684/2-A) and (LCSD 880-101684/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: V-1 (890-7613-1), V-1 (890-7613-3), V-2 (890-7613-8), V-2 (890-7613-10), V-3 (890-7613-12), V-4 (890-7613-18), V-5 (890-7613-23), V-6 (890-7613-26), V-6 (890-7613-27), V-6 (890-7613-28), V-7 (890-7613-32), V-8 (890-7613-36), V-8 (890-7613-37), (890-7611-A-1-B), (890-7611-A-1-C MS) and (890-7611-A-1-D MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: V-8 (890-7613-38), V-8 (890-7613-39), V-8 (890-7613-40), H-2 (890-7613-42), H-3 (890-7613-43), H-5 (890-7613-45), H-6 (890-7613-46), (890-7613-A-38-B MS) and (890-7613-A-38-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: H-1 (890-7613-41), H-4 (890-7613-44), H-7 (890-7613-47), H-8 (890-7613-48), H-9 (890-7613-49) and H-10 (890-7613-50). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-102366 and analytical batch 880-102365 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: V-1 (890-7613-1), V-3 (890-7613-11), V-4 (890-7613-16), V-5 (890-7613-21), V-5 (890-7613-22) and (LCS 880-102366/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: V-1 (890-7613-3) and V-2 (890-7613-8). Evidence of matrix interference is present.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: V-3 (890-7613-11), V-4 (890-7613-16), V-5 (890-7613-21) and V-5 (890-7613-22). Evidence of matrix interference is present.

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 native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-102263 and analytical batch 880-102273 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

(880-54174-A-16-B MS) and (880-54174-A-16-C MSD)

Method 300_ORGFM_28D - Soluble: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 880-102263 and analytical batch 880-102273 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

The associated samples are: (880-54174-A-16-B MS) and (880-54174-A-16-C MSD).

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

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Case Narrative

Client: NT Global
Project: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-1

Lab Sample ID: 890-7613-1

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	01/31/25 22:29	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/31/25 08:31	01/31/25 22:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 22:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	01/31/25 22:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 22:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	01/31/25 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/31/25 08:31	01/31/25 22:29	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/31/25 08:31	01/31/25 22:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/31/25 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/11/25 01:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 01:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 01:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 01:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	02/10/25 08:51	02/11/25 01:08	1
o-Terphenyl	69	S1-	70 - 130	02/10/25 08:51	02/11/25 01:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	513		10.1		mg/Kg			02/03/25 16:11	1

Client Sample ID: V-1

Lab Sample ID: 890-7613-2

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	01/31/25 22:50	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/31/25 08:31	01/31/25 22:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	01/31/25 22:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	01/31/25 22:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	01/31/25 22:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	01/31/25 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/31/25 08:31	01/31/25 22:50	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-1

Lab Sample ID: 890-7613-2

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	112		70 - 130	01/31/25 08:31	01/31/25 22:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 22:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/25 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 20:00	02/03/25 19:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 20:00	02/03/25 19:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 20:00	02/03/25 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/30/25 20:00	02/03/25 19:23	1
o-Terphenyl	62	S1-	70 - 130				01/30/25 20:00	02/03/25 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	298		9.94		mg/Kg			02/03/25 16:19	1

Client Sample ID: V-1

Lab Sample ID: 890-7613-3

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	01/31/25 23:10	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/31/25 08:31	01/31/25 23:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	01/31/25 23:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	01/31/25 23:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	01/31/25 23:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	01/31/25 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/31/25 08:31	01/31/25 23:10	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/31/25 08:31	01/31/25 23:10	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			01/31/25 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/11/25 01:28	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-1

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

Lab Sample ID: 890-7613-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/25 08:51	02/11/25 01:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/25 08:51	02/11/25 01:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/25 08:51	02/11/25 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				02/10/25 08:51	02/11/25 01:28	1
o-Terphenyl	66	S1-	70 - 130				02/10/25 08:51	02/11/25 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	958		9.98		mg/Kg			02/03/25 16:41	1

Client Sample ID: V-1

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	01/31/25 23:31	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/31/25 08:31	01/31/25 23:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	01/31/25 23:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	01/31/25 23:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	01/31/25 23:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	01/31/25 23:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/31/25 08:31	01/31/25 23:31	1
1,4-Difluorobenzene (Surr)	112		70 - 130				01/31/25 08:31	01/31/25 23:31	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			01/31/25 23:31	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			02/03/25 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 19:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 19:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/30/25 20:00	02/03/25 19:54	1
o-Terphenyl	63	S1-	70 - 130				01/30/25 20:00	02/03/25 19:54	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-1

Lab Sample ID: 890-7613-4

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	409		9.92		mg/Kg			02/03/25 16:48	1

Client Sample ID: V-1

Lab Sample ID: 890-7613-5

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	01/31/25 23:51	1
Toluene	<0.00200	U *-	0.00200		mg/Kg		01/31/25 08:31	01/31/25 23:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 23:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	01/31/25 23:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 23:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	01/31/25 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/31/25 08:31	01/31/25 23:51	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/31/25 08:31	01/31/25 23:51	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			01/31/25 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 20:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 20:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				01/30/25 20:00	02/03/25 20:08	1
o-Terphenyl	64	S1-	70 - 130				01/30/25 20:00	02/03/25 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1220		10.0		mg/Kg			02/03/25 16:56	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-2

Lab Sample ID: 890-7613-6

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	02/01/25 00:12	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/31/25 08:31	02/01/25 00:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	02/01/25 00:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	02/01/25 00:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	02/01/25 00:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	02/01/25 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/31/25 08:31	02/01/25 00:12	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/31/25 08:31	02/01/25 00:12	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			02/01/25 00:12	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			02/03/25 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 20:00	02/03/25 20:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 20:00	02/03/25 20:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 20:00	02/03/25 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	01/30/25 20:00	02/03/25 20:24	1
o-Terphenyl	61	S1-	70 - 130	01/30/25 20:00	02/03/25 20:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4920		99.4		mg/Kg			02/03/25 17:03	10

Client Sample ID: V-2

Lab Sample ID: 890-7613-7

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	02/01/25 00:32	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/31/25 08:31	02/01/25 00:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 00:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 00:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/31/25 08:31	02/01/25 00:32	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-2

Lab Sample ID: 890-7613-7

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	110		70 - 130	01/31/25 08:31	02/01/25 00:32	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			02/01/25 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 20:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 20:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/30/25 20:00	02/03/25 20:38	1
o-Terphenyl	61	S1-	70 - 130				01/30/25 20:00	02/03/25 20:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2620		49.9		mg/Kg			02/03/25 17:11	5

Client Sample ID: V-2

Lab Sample ID: 890-7613-8

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	02/01/25 00:53	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/31/25 08:31	02/01/25 00:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	02/01/25 00:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	02/01/25 00:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	02/01/25 00:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	02/01/25 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/31/25 08:31	02/01/25 00:53	1
1,4-Difluorobenzene (Surr)	107		70 - 130	01/31/25 08:31	02/01/25 00:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/01/25 00:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/11/25 01:49	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

Lab Sample ID: 890-7613-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 01:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 01:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				02/10/25 08:51	02/11/25 01:49	1
o-Terphenyl	65	S1-	70 - 130				02/10/25 08:51	02/11/25 01:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		50.0		mg/Kg			02/03/25 17:18	5

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-9

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		01/31/25 08:31	02/01/25 01:13	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/31/25 08:31	02/01/25 01:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	02/01/25 01:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	02/01/25 01:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	02/01/25 01:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	02/01/25 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				01/31/25 08:31	02/01/25 01:13	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/31/25 08:31	02/01/25 01:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/03/25 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 20:00	02/03/25 21:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 20:00	02/03/25 21:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 20:00	02/03/25 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/30/25 20:00	02/03/25 21:23	1
o-Terphenyl	63	S1-	70 - 130				01/30/25 20:00	02/03/25 21:23	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-9

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1520		50.2		mg/Kg			02/03/25 17:40	5

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 4-4.5

Lab Sample ID: 890-7613-10

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		01/31/25 08:31	02/01/25 01:34	1
Toluene	<0.00200	U *-	0.00200		mg/Kg		01/31/25 08:31	02/01/25 01:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 01:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 01:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 01:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/31/25 08:31	02/01/25 01:34	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/31/25 08:31	02/01/25 01:34	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			02/01/25 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/11/25 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/10/25 08:51	02/11/25 02:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/25 08:51	02/11/25 02:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/25 08:51	02/11/25 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				02/10/25 08:51	02/11/25 02:10	1
o-Terphenyl	80		70 - 130				02/10/25 08:51	02/11/25 02:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3610		49.6		mg/Kg			02/03/25 17:48	5

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-3

Lab Sample ID: 890-7613-11

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	02/01/25 03:09	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/31/25 08:31	02/01/25 03:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 03:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	02/01/25 03:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 03:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	02/01/25 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/31/25 08:31	02/01/25 03:09	1
1,4-Difluorobenzene (Surr)	113		70 - 130	01/31/25 08:31	02/01/25 03:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/01/25 03:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 21:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 21:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	01/30/25 20:00	02/03/25 21:53	1
o-Terphenyl	57	S1-	70 - 130	01/30/25 20:00	02/03/25 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4290		50.4		mg/Kg			02/03/25 18:10	5

Client Sample ID: V-3

Lab Sample ID: 890-7613-12

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	02/01/25 03:29	1
Toluene	<0.00201	U *	0.00201		mg/Kg		01/31/25 08:31	02/01/25 03:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	02/01/25 03:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	02/01/25 03:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:31	02/01/25 03:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:31	02/01/25 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/31/25 08:31	02/01/25 03:29	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-3

Lab Sample ID: 890-7613-12

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	110		70 - 130	01/31/25 08:31	02/01/25 03:29	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			02/01/25 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/11/25 03:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/10/25 08:51	02/11/25 03:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/25 08:51	02/11/25 03:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/25 08:51	02/11/25 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				02/10/25 08:51	02/11/25 03:11	1
o-Terphenyl	72		70 - 130				02/10/25 08:51	02/11/25 03:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		9.94		mg/Kg			02/03/25 18:18	1

Client Sample ID: V-3

Lab Sample ID: 890-7613-13

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:31	02/01/25 03:50	1
Toluene	<0.00198	U *	0.00198		mg/Kg		01/31/25 08:31	02/01/25 03:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:31	02/01/25 03:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/31/25 08:31	02/01/25 03:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:31	02/01/25 03:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/31/25 08:31	02/01/25 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/31/25 08:31	02/01/25 03:50	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/31/25 08:31	02/01/25 03:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/01/25 03:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 22:22	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-3

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

Lab Sample ID: 890-7613-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 22:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 22:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 20:00	02/03/25 22:22	1
o-Terphenyl	60	S1-	70 - 130				01/30/25 20:00	02/03/25 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	259		9.96		mg/Kg			02/03/25 18:25	1

Client Sample ID: V-3

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-14

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		01/31/25 08:31	02/01/25 04:10	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/31/25 08:31	02/01/25 04:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 04:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 04:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 04:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/31/25 08:31	02/01/25 04:10	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/31/25 08:31	02/01/25 04:10	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			02/01/25 04:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/03/25 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 20:00	02/03/25 22:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 20:00	02/03/25 22:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 20:00	02/03/25 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/30/25 20:00	02/03/25 22:36	1
o-Terphenyl	63	S1-	70 - 130				01/30/25 20:00	02/03/25 22:36	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-3

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-14

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		10.0		mg/Kg			02/03/25 18:33	1

Client Sample ID: V-3

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 4-4.5

Lab Sample ID: 890-7613-15

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:31	02/01/25 04:31	1
Toluene	<0.00202	U *-	0.00202		mg/Kg		01/31/25 08:31	02/01/25 04:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:31	02/01/25 04:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/31/25 08:31	02/01/25 04:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:31	02/01/25 04:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/31/25 08:31	02/01/25 04:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/31/25 08:31	02/01/25 04:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/31/25 08:31	02/01/25 04:31	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			02/01/25 04:31	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			02/03/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 20:00	02/03/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 20:00	02/03/25 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 20:00	02/03/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 20:00	02/03/25 22:51	1
o-Terphenyl	59	S1-	70 - 130				01/30/25 20:00	02/03/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		10.1		mg/Kg			02/03/25 18:40	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-4

Lab Sample ID: 890-7613-16

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	02/01/25 04:51	1
Toluene	<0.00202	U *	0.00202		mg/Kg		01/31/25 08:31	02/01/25 04:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:31	02/01/25 04:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/31/25 08:31	02/01/25 04:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:31	02/01/25 04:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/31/25 08:31	02/01/25 04:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/31/25 08:31	02/01/25 04:51	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/31/25 08:31	02/01/25 04:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/01/25 04:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/03/25 23:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 23:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 23:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:00	02/03/25 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/30/25 20:00	02/03/25 23:05	1
o-Terphenyl	60	S1-	70 - 130	01/30/25 20:00	02/03/25 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4070		49.8		mg/Kg			02/03/25 18:48	5

Client Sample ID: V-4

Lab Sample ID: 890-7613-17

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 1-1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	02/01/25 05:12	1
Toluene	<0.00199	U *	0.00199		mg/Kg		01/31/25 08:31	02/01/25 05:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	02/01/25 05:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	02/01/25 05:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:31	02/01/25 05:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:31	02/01/25 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	01/31/25 08:31	02/01/25 05:12	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-4

Lab Sample ID: 890-7613-17

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	106		70 - 130	01/31/25 08:31	02/01/25 05:12	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			02/01/25 05:12	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			02/03/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 20:00	02/03/25 23:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 20:00	02/03/25 23:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 20:00	02/03/25 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 20:00	02/03/25 23:20	1
o-Terphenyl	61	S1-	70 - 130				01/30/25 20:00	02/03/25 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3160		49.6		mg/Kg			02/03/25 18:55	5

Client Sample ID: V-4

Lab Sample ID: 890-7613-18

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 05:32	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/31/25 08:31	02/01/25 05:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 05:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	02/01/25 05:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 05:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	02/01/25 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/31/25 08:31	02/01/25 05:32	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/31/25 08:31	02/01/25 05:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/01/25 05:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/11/25 03:53	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-4

Lab Sample ID: 890-7613-18

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		02/10/25 08:51	02/11/25 03:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 03:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/25 08:51	02/11/25 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				02/10/25 08:51	02/11/25 03:53	1
o-Terphenyl	82		70 - 130				02/10/25 08:51	02/11/25 03:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5160		99.0		mg/Kg			02/03/25 22:29	10

Client Sample ID: V-4

Lab Sample ID: 890-7613-19

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	02/01/25 05:53	1
Toluene	<0.00200	U *	0.00200		mg/Kg		01/31/25 08:31	02/01/25 05:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 05:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 05:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 05:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	02/01/25 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				01/31/25 08:31	02/01/25 05:53	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/31/25 08:31	02/01/25 05:53	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			02/01/25 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/25 02:01	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	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 02:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 02:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/30/25 20:02	02/04/25 02:01	1
o-Terphenyl	63	S1-	70 - 130				01/30/25 20:02	02/04/25 02:01	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-4

Lab Sample ID: 890-7613-19

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	4020		50.4		mg/Kg			02/03/25 22:46	5

Client Sample ID: V-4

Lab Sample ID: 890-7613-20

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:31	02/01/25 06:13	1
Toluene	<0.00200	U *-	0.00200		mg/Kg		01/31/25 08:31	02/01/25 06:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 06:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	02/01/25 06:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	02/01/25 06:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:31	02/01/25 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				01/31/25 08:31	02/01/25 06:13	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/31/25 08:31	02/01/25 06:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/01/25 06:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 02:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 02:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 20:02	02/04/25 02:17	1
o-Terphenyl	61	S1-	70 - 130				01/30/25 20:02	02/04/25 02:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		49.7		mg/Kg			02/03/25 22:52	5

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-5

Lab Sample ID: 890-7613-21

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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 F1	0.00201		mg/Kg		01/31/25 08:47	01/31/25 22:30	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		01/31/25 08:47	01/31/25 22:30	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		01/31/25 08:47	01/31/25 22:30	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		01/31/25 08:47	01/31/25 22:30	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		01/31/25 08:47	01/31/25 22:30	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		01/31/25 08:47	01/31/25 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/31/25 08:47	01/31/25 22:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/31/25 08:47	01/31/25 22:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/31/25 22:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 02:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 20:02	02/04/25 02:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 20:02	02/04/25 02:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 20:02	02/04/25 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/30/25 20:02	02/04/25 02:30	1
o-Terphenyl	59	S1-	70 - 130	01/30/25 20:02	02/04/25 02:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3330		49.8		mg/Kg			02/03/25 22:58	5

Client Sample ID: V-5

Lab Sample ID: 890-7613-22

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 1-1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	01/31/25 22:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	01/31/25 22:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	01/31/25 22:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	01/31/25 22:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	01/31/25 22:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	01/31/25 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/31/25 08:47	01/31/25 22:51	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-5

Lab Sample ID: 890-7613-22

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	100		70 - 130	01/31/25 08:47	01/31/25 22:51	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			01/31/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 02:46	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	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 02:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 02:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				01/30/25 20:02	02/04/25 02:46	1
o-Terphenyl	60	S1-	70 - 130				01/30/25 20:02	02/04/25 02:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		50.4		mg/Kg			02/03/25 23:04	5

Client Sample ID: V-5

Lab Sample ID: 890-7613-23

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	01/31/25 23:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	01/31/25 23:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	01/31/25 23:11	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/31/25 08:47	01/31/25 23:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	01/31/25 23:11	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/31/25 08:47	01/31/25 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/31/25 08:47	01/31/25 23:11	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/31/25 08:47	01/31/25 23:11	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			01/31/25 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/10/25 22:45	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

Lab Sample ID: 890-7613-23

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/10/25 22:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/10/25 22:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/10/25 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/10/25 10:45	02/10/25 22:45	1
o-Terphenyl	103		70 - 130				02/10/25 10:45	02/10/25 22:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		10.1		mg/Kg			02/03/25 23:22	1

Client Sample ID: V-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-24

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		01/31/25 08:47	01/31/25 23:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	01/31/25 23:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	01/31/25 23:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	01/31/25 23:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	01/31/25 23:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	01/31/25 23:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/31/25 08:47	01/31/25 23:31	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/31/25 08:47	01/31/25 23:31	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			01/31/25 23:31	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			02/04/25 03:16	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		01/30/25 20:02	02/04/25 03:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 03:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/30/25 20:02	02/04/25 03:16	1
o-Terphenyl	63	S1-	70 - 130				01/30/25 20:02	02/04/25 03:16	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-24

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	753		10.1		mg/Kg			02/03/25 23:28	1

Client Sample ID: V-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 4-4.5

Lab Sample ID: 890-7613-25

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:47	01/31/25 23:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:47	01/31/25 23:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:47	01/31/25 23:52	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/31/25 08:47	01/31/25 23:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:47	01/31/25 23:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/31/25 08:47	01/31/25 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/31/25 08:47	01/31/25 23:52	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/31/25 08:47	01/31/25 23:52	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			01/31/25 23:52	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			02/04/25 03:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 03:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 03:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/30/25 20:02	02/04/25 03:30	1
o-Terphenyl	63	S1-	70 - 130				01/30/25 20:02	02/04/25 03:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		49.8		mg/Kg			02/03/25 23:34	5

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-6

Lab Sample ID: 890-7613-26

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:47	02/01/25 00:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 00:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 00:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 00:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 00:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/31/25 08:47	02/01/25 00:13	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/31/25 08:47	02/01/25 00:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 00:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/10/25 23:46	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	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/10/25 23:46	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/10/25 23:46	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/10/25 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	02/10/25 10:45	02/10/25 23:46	1
o-Terphenyl	83		70 - 130	02/10/25 10:45	02/10/25 23:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.1		9.94		mg/Kg			02/03/25 23:39	1

Client Sample ID: V-6

Lab Sample ID: 890-7613-27

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:47	02/01/25 00:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 00:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 00:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:47	02/01/25 00:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 00:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:47	02/01/25 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	01/31/25 08:47	02/01/25 00:33	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-6

Lab Sample ID: 890-7613-27

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	98		70 - 130	01/31/25 08:47	02/01/25 00:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/01/25 00:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/11/25 00:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/11/25 00:07	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/11/25 00:07	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/11/25 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				02/10/25 10:45	02/11/25 00:07	1
o-Terphenyl	81		70 - 130				02/10/25 10:45	02/11/25 00:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		9.98		mg/Kg			02/03/25 23:45	1

Client Sample ID: V-6

Lab Sample ID: 890-7613-28

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 00:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 00:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 00:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:47	02/01/25 00:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 00:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:47	02/01/25 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	01/31/25 08:47	02/01/25 00:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/31/25 08:47	02/01/25 00:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/01/25 00:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/11/25 00:28	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-6

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

Lab Sample ID: 890-7613-28

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		02/10/25 10:45	02/11/25 00:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 00:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 00:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				02/10/25 10:45	02/11/25 00:28	1
o-Terphenyl	86		70 - 130				02/10/25 10:45	02/11/25 00:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.7		9.96		mg/Kg			02/03/25 23:51	1

Client Sample ID: V-6

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-29

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		01/31/25 08:47	02/01/25 01:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 01:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 01:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	02/01/25 01:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 01:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	02/01/25 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/31/25 08:47	02/01/25 01:14	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/31/25 08:47	02/01/25 01:14	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			02/01/25 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 04:43	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		01/30/25 20:02	02/04/25 04:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 04:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 20:02	02/04/25 04:43	1
o-Terphenyl	60	S1-	70 - 130				01/30/25 20:02	02/04/25 04:43	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-6

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-29

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		10.1		mg/Kg			02/04/25 00:09	1

Client Sample ID: V-6

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 4-4.5

Lab Sample ID: 890-7613-30

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 01:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 01:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 01:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:47	02/01/25 01:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 01:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:47	02/01/25 01:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				01/31/25 08:47	02/01/25 01:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/31/25 08:47	02/01/25 01:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/01/25 01:40	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			02/04/25 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 04:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 04:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/30/25 20:02	02/04/25 04:59	1
o-Terphenyl	66	S1-	70 - 130				01/30/25 20:02	02/04/25 04:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	638		9.98		mg/Kg			02/07/25 18:52	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-7

Lab Sample ID: 890-7613-31

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:47	02/01/25 02:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 02:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 02:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:47	02/01/25 02:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:47	02/01/25 02:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:47	02/01/25 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/31/25 08:47	02/01/25 02:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/31/25 08:47	02/01/25 02:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/01/25 02:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/04/25 05:13	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		01/30/25 20:02	02/04/25 05:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 05:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/30/25 20:02	02/04/25 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	01/30/25 20:02	02/04/25 05:13	1
o-Terphenyl	59	S1-	70 - 130	01/30/25 20:02	02/04/25 05:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		10.1		mg/Kg			02/04/25 00:32	1

Client Sample ID: V-7

Lab Sample ID: 890-7613-32

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 1-1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 03:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 03:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 03:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 03:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 03:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/31/25 08:47	02/01/25 03:09	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-7

Lab Sample ID: 890-7613-32

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	100		70 - 130	01/31/25 08:47	02/01/25 03:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 03:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/11/25 00:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 00:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 00:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/10/25 10:45	02/11/25 00:48	1
o-Terphenyl	88		70 - 130				02/10/25 10:45	02/11/25 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		9.94		mg/Kg			02/04/25 00:38	1

Client Sample ID: V-7

Lab Sample ID: 890-7613-33

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:47	02/01/25 03:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 03:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 03:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 03:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 03:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/31/25 08:47	02/01/25 03:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/31/25 08:47	02/01/25 03:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 03:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 05:42	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-7

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

Lab Sample ID: 890-7613-33

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	<49.9	U	49.9		mg/Kg		01/30/25 20:02	02/04/25 05:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 20:02	02/04/25 05:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 20:02	02/04/25 05:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/30/25 20:02	02/04/25 05:42	1
o-Terphenyl	62	S1-	70 - 130				01/30/25 20:02	02/04/25 05:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.5		9.92		mg/Kg			02/04/25 00:44	1

Client Sample ID: V-7

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-34

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 03:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 03:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 03:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/31/25 08:47	02/01/25 03:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 03:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/31/25 08:47	02/01/25 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				01/31/25 08:47	02/01/25 03:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/31/25 08:47	02/01/25 03:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/01/25 03:50	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			02/11/25 01:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 01:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 01:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				02/10/25 10:45	02/11/25 01:08	1
o-Terphenyl	86		70 - 130				02/10/25 10:45	02/11/25 01:08	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-7

Lab Sample ID: 890-7613-34

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		10.1		mg/Kg			02/04/25 00:50	1

Client Sample ID: V-7

Lab Sample ID: 890-7613-35

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:47	02/01/25 04:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 04:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 04:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	02/01/25 04:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 04:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	02/01/25 04:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				01/31/25 08:47	02/01/25 04:11	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/31/25 08:47	02/01/25 04:11	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			02/01/25 04:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 06:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 06:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 06:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:02	02/04/25 06:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/30/25 20:02	02/04/25 06:11	1
o-Terphenyl	61	S1-	70 - 130				01/30/25 20:02	02/04/25 06:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3		10.1		mg/Kg			02/04/25 00:56	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-8

Lab Sample ID: 890-7613-36

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:47	02/01/25 04:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 04:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 04:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 04:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 04:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/31/25 08:47	02/01/25 04:31	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/31/25 08:47	02/01/25 04:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 04:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/11/25 01:28	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	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/11/25 01:28	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/11/25 01:28	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/10/25 10:45	02/11/25 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	02/10/25 10:45	02/11/25 01:28	1
o-Terphenyl	93		70 - 130	02/10/25 10:45	02/11/25 01:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	502		9.94		mg/Kg			02/04/25 01:02	1

Client Sample ID: V-8

Lab Sample ID: 890-7613-37

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 1-1.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 04:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 04:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 04:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/31/25 08:47	02/01/25 04:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/25 08:47	02/01/25 04:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/31/25 08:47	02/01/25 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/31/25 08:47	02/01/25 04:52	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-8

Lab Sample ID: 890-7613-37

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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)	100		70 - 130	01/31/25 08:47	02/01/25 04:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/01/25 04:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/11/25 01:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 01:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 01:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				02/10/25 10:45	02/11/25 01:49	1
o-Terphenyl	88		70 - 130				02/10/25 10:45	02/11/25 01:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		9.98		mg/Kg			02/04/25 01:08	1

Client Sample ID: V-8

Lab Sample ID: 890-7613-38

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:47	02/01/25 05:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:47	02/01/25 05:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:47	02/01/25 05:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/31/25 08:47	02/01/25 05:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:47	02/01/25 05:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/31/25 08:47	02/01/25 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/31/25 08:47	02/01/25 05:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/31/25 08:47	02/01/25 05:12	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			02/01/25 05:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 15:25	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-8

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 2-2.5

Lab Sample ID: 890-7613-38

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 15:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 15:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/30/25 20:04	02/04/25 15:25	1
o-Terphenyl	58	S1-	70 - 130				01/30/25 20:04	02/04/25 15:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	255		9.92		mg/Kg			02/04/25 03:19	1

Client Sample ID: V-8

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-39

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		01/31/25 08:47	02/01/25 05:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 05:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 05:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 05:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:47	02/01/25 05:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:47	02/01/25 05:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/31/25 08:47	02/01/25 05:33	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/31/25 08:47	02/01/25 05:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 05:33	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			02/04/25 16:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 16:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 16:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/30/25 20:04	02/04/25 16:11	1
o-Terphenyl	64	S1-	70 - 130				01/30/25 20:04	02/04/25 16:11	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-8

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 3-3.5

Lab Sample ID: 890-7613-39

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		10.1		mg/Kg			02/04/25 03:26	1

Client Sample ID: V-8

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 4-4.5

Lab Sample ID: 890-7613-40

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		01/31/25 08:47	02/01/25 05:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 05:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 05:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	02/01/25 05:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	02/01/25 05:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:47	02/01/25 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				01/31/25 08:47	02/01/25 05:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/31/25 08:47	02/01/25 05:53	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			02/01/25 05:53	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			02/04/25 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	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 16:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 16:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/30/25 20:04	02/04/25 16:25	1
o-Terphenyl	60	S1-	70 - 130				01/30/25 20:04	02/04/25 16:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.9		9.94		mg/Kg			02/04/25 03:33	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-1

Lab Sample ID: 890-7613-41

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:53	02/01/25 05:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:53	02/01/25 05:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:53	02/01/25 05:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/31/25 08:53	02/01/25 05:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/25 08:53	02/01/25 05:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/31/25 08:53	02/01/25 05:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/31/25 08:53	02/01/25 05:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/31/25 08:53	02/01/25 05:42	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			02/01/25 05:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/11/25 02:10	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	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 02:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 02:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/10/25 10:45	02/11/25 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	02/10/25 10:45	02/11/25 02:10	1
o-Terphenyl	91		70 - 130	02/10/25 10:45	02/11/25 02:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.5		9.98		mg/Kg			02/04/25 03:41	1

Client Sample ID: H-2

Lab Sample ID: 890-7613-42

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:53	02/01/25 06:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 06:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 06:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:53	02/01/25 06:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 06:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:53	02/01/25 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/31/25 08:53	02/01/25 06:02	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-2

Lab Sample ID: 890-7613-42

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 0-6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130	01/31/25 08:53	02/01/25 06:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 06:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 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	49.8		mg/Kg		01/30/25 20:04	02/04/25 16:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 16:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/30/25 20:04	02/04/25 16:55	1
o-Terphenyl	59	S1-	70 - 130				01/30/25 20:04	02/04/25 16:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.6		9.92		mg/Kg			02/04/25 12:29	1

Client Sample ID: H-3

Lab Sample ID: 890-7613-43

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:53	02/01/25 06:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 06:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 06:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:53	02/01/25 06:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 06:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:53	02/01/25 06:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	01/31/25 08:53	02/01/25 06:23	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/31/25 08:53	02/01/25 06:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/01/25 06:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/04/25 17:10	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-3

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-43

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 20:04	02/04/25 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 20:04	02/04/25 17:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 20:04	02/04/25 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/30/25 20:04	02/04/25 17:10	1
o-Terphenyl	60	S1-	70 - 130				01/30/25 20:04	02/04/25 17:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		9.90		mg/Kg			02/04/25 12:36	1

Client Sample ID: H-4

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-44

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		01/31/25 08:53	02/01/25 06:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 06:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 06:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:53	02/01/25 06:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 06:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:53	02/01/25 06:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/31/25 08:53	02/01/25 06:43	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/31/25 08:53	02/01/25 06:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 06:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/11/25 02:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 02:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 02:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 02:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/10/25 10:45	02/11/25 02:30	1
o-Terphenyl	78		70 - 130				02/10/25 10:45	02/11/25 02:30	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-4

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-44

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/04/25 13:11	1

Client Sample ID: H-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-45

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		01/31/25 08:53	02/01/25 07:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 07:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 07:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:53	02/01/25 07:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 07:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:53	02/01/25 07:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/31/25 08:53	02/01/25 07:04	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/31/25 08:53	02/01/25 07:04	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			02/01/25 07:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/04/25 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 17:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 17:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/30/25 20:04	02/04/25 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	01/30/25 20:04	02/04/25 17:39	1
o-Terphenyl	61	S1-	70 - 130	01/30/25 20:04	02/04/25 17:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.0		10.0		mg/Kg			02/04/25 13:19	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-6

Lab Sample ID: 890-7613-46

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:53	02/01/25 07:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 07:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 07:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:53	02/01/25 07:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 07:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:53	02/01/25 07:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/31/25 08:53	02/01/25 07:24	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/31/25 08:53	02/01/25 07:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/01/25 07:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/04/25 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	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 17:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 17:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/30/25 20:04	02/04/25 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	01/30/25 20:04	02/04/25 17:54	1
o-Terphenyl	60	S1-	70 - 130	01/30/25 20:04	02/04/25 17:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		10.0		mg/Kg			02/04/25 13:26	1

Client Sample ID: H-7

Lab Sample ID: 890-7613-47

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:53	02/01/25 07:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 07:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 07:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:53	02/01/25 07:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 07:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:53	02/01/25 07:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/31/25 08:53	02/01/25 07:44	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-7

Lab Sample ID: 890-7613-47

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Sample Depth: 0-6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	105		70 - 130	01/31/25 08:53	02/01/25 07:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/01/25 07:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/11/25 03:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 03:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 03:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/10/25 10:45	02/11/25 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/10/25 10:45	02/11/25 03:11	1
o-Terphenyl	79		70 - 130				02/10/25 10:45	02/11/25 03:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		10.1		mg/Kg			02/04/25 13:33	1

Client Sample ID: H-8

Lab Sample ID: 890-7613-48

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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		01/31/25 08:53	02/01/25 08:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 08:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 08:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/31/25 08:53	02/01/25 08:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/25 08:53	02/01/25 08:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/25 08:53	02/01/25 08:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/31/25 08:53	02/01/25 08:05	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/31/25 08:53	02/01/25 08:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/01/25 08:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/11/25 03:32	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-8

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-48

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/11/25 03:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/11/25 03:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/11/25 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/10/25 10:45	02/11/25 03:32	1
o-Terphenyl	81		70 - 130				02/10/25 10:45	02/11/25 03:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	269		10.1		mg/Kg			02/04/25 13:41	1

Client Sample ID: H-9

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-49

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		01/31/25 08:53	02/01/25 08:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 08:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 08:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:53	02/01/25 08:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 08:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:53	02/01/25 08:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				01/31/25 08:53	02/01/25 08:25	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/31/25 08:53	02/01/25 08:25	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			02/01/25 08:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/11/25 03:53	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		02/10/25 10:45	02/11/25 03:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/11/25 03:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/11/25 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				02/10/25 10:45	02/11/25 03:53	1
o-Terphenyl	82		70 - 130				02/10/25 10:45	02/11/25 03:53	1

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Client Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-9

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-49

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.1		10.1		mg/Kg			02/04/25 13:48	1

Client Sample ID: H-10

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Sample Depth: 0-6

Lab Sample ID: 890-7613-50

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 08:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 08:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 08:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/31/25 08:53	02/01/25 08:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/25 08:53	02/01/25 08:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/25 08:53	02/01/25 08:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/31/25 08:53	02/01/25 08:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130				01/31/25 08:53	02/01/25 08:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/01/25 08:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/11/25 04:13	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	<49.9	U	49.9		mg/Kg		02/10/25 10:45	02/11/25 04:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/10/25 10:45	02/11/25 04:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/10/25 10:45	02/11/25 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/10/25 10:45	02/11/25 04:13	1
o-Terphenyl	92		70 - 130				02/10/25 10:45	02/11/25 04:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		10.1		mg/Kg			02/04/25 13:56	1

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Surrogate Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-53379-A-15 MB	Method Blank	115	106
890-7613-1	V-1	95	111
890-7613-1 MS	V-1	103	122
890-7613-1 MSD	V-1	93	126
890-7613-2	V-1	97	112
890-7613-3	V-1	100	104
890-7613-4	V-1	94	112
890-7613-5	V-1	99	107
890-7613-6	V-2	94	109
890-7613-7	V-2	94	110
890-7613-8	V-2	94	107
890-7613-9	V-2	95	110
890-7613-10	V-2	96	110
890-7613-11	V-3	98	113
890-7613-12	V-3	101	110
890-7613-13	V-3	95	112
890-7613-14	V-3	96	110
890-7613-15	V-3	96	109
890-7613-16	V-4	99	112
890-7613-17	V-4	96	106
890-7613-18	V-4	98	111
890-7613-19	V-4	99	108
890-7613-20	V-4	94	107
890-7613-21	V-5	90	103
890-7613-21 MS	V-5	94	99
890-7613-21 MSD	V-5	93	94
890-7613-22	V-5	92	100
890-7613-23	V-5	90	105
890-7613-24	V-5	97	100
890-7613-25	V-5	97	101
890-7613-26	V-6	94	98
890-7613-27	V-6	98	98
890-7613-28	V-6	93	100
890-7613-29	V-6	105	100
890-7613-30	V-6	86	93
890-7613-31	V-7	94	96
890-7613-32	V-7	94	100
890-7613-33	V-7	102	98
890-7613-34	V-7	89	99
890-7613-35	V-7	96	98
890-7613-36	V-8	94	98
890-7613-37	V-8	92	100
890-7613-38	V-8	103	99
890-7613-39	V-8	90	97
890-7613-40	V-8	104	96
890-7613-41	H-1	115	104
890-7613-41 MS	H-1	105	97
890-7613-41 MSD	H-1	100	96
890-7613-42	H-2	111	105

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Surrogate Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7613-43	H-3	153 S1+	108
890-7613-44	H-4	129	109
890-7613-45	H-5	121	108
890-7613-46	H-6	108	101
890-7613-47	H-7	114	105
890-7613-48	H-8	121	100
890-7613-49	H-9	128	105
890-7613-50	H-10	122	103
LCS 880-101714/1-A	Lab Control Sample	95	122
LCS 880-101716/1-A	Lab Control Sample	104	99
LCS 880-101718/1-A	Lab Control Sample	111	105
LCSD 880-101714/2-A	Lab Control Sample Dup	93	116
LCSD 880-101716/2-A	Lab Control Sample Dup	99	100
LCSD 880-101718/2-A	Lab Control Sample Dup	116	108
MB 880-101644/5-A	Method Blank	87	93
MB 880-101714/5-A	Method Blank	92	102
MB 880-101716/5-A	Method Blank	91	98
MB 880-101718/5-A	Method Blank	194 S1+	117

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-54174-A-17-B MS	Matrix Spike	69 S1-	68 S1-
880-54174-A-17-C MSD	Matrix Spike Duplicate	69 S1-	69 S1-
890-7611-A-1-C MS	Matrix Spike	68 S1-	58 S1-
890-7611-A-1-D MSD	Matrix Spike Duplicate	66 S1-	57 S1-
890-7613-1	V-1	70	69 S1-
890-7613-2	V-1	73	62 S1-
890-7613-3	V-1	67 S1-	66 S1-
890-7613-4	V-1	75	63 S1-
890-7613-5	V-1	75	64 S1-
890-7613-6	V-2	71	61 S1-
890-7613-7	V-2	71	61 S1-
890-7613-8	V-2	65 S1-	65 S1-
890-7613-9	V-2	72	63 S1-
890-7613-10	V-2	81	80
890-7613-11	V-3	66 S1-	57 S1-
890-7613-12	V-3	74	72
890-7613-13	V-3	70	60 S1-
890-7613-14	V-3	74	63 S1-
890-7613-15	V-3	70	59 S1-
890-7613-16	V-4	68 S1-	60 S1-
890-7613-17	V-4	70	61 S1-
890-7613-18	V-4	82	82

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Surrogate Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7613-18 MS	V-4	81	66 S1-
890-7613-18 MSD	V-4	80	65 S1-
890-7613-19	V-4	73	63 S1-
890-7613-20	V-4	70	61 S1-
890-7613-21	V-5	68 S1-	59 S1-
890-7613-22	V-5	69 S1-	60 S1-
890-7613-23	V-5	104	103
890-7613-23 MS	V-5	86	81
890-7613-23 MSD	V-5	96	96
890-7613-24	V-5	72	63 S1-
890-7613-25	V-5	72	63 S1-
890-7613-26	V-6	86	83
890-7613-27	V-6	83	81
890-7613-28	V-6	82	86
890-7613-29	V-6	70	60 S1-
890-7613-30	V-6	77	66 S1-
890-7613-31	V-7	70	59 S1-
890-7613-32	V-7	87	88
890-7613-33	V-7	71	62 S1-
890-7613-34	V-7	85	86
890-7613-35	V-7	72	61 S1-
890-7613-36	V-8	91	93
890-7613-37	V-8	86	88
890-7613-38	V-8	73	58 S1-
890-7613-38 MS	V-8	82	69 S1-
890-7613-38 MSD	V-8	82	69 S1-
890-7613-39	V-8	76	64 S1-
890-7613-40	V-8	72	60 S1-
890-7613-41	H-1	92	91
890-7613-42	H-2	70	59 S1-
890-7613-43	H-3	72	60 S1-
890-7613-44	H-4	78	78
890-7613-45	H-5	73	61 S1-
890-7613-46	H-6	72	60 S1-
890-7613-47	H-7	79	79
890-7613-48	H-8	79	81
890-7613-49	H-9	82	82
890-7613-50	H-10	91	92
LCS 880-101684/2-A	Lab Control Sample	76	65 S1-
LCS 880-101685/2-A	Lab Control Sample	83	71
LCS 880-101686/2-A	Lab Control Sample	88	79
LCS 880-102366/2-A	Lab Control Sample	69 S1-	68 S1-
LCS 880-102371/2-A	Lab Control Sample	91	91
LCSD 880-101684/3-A	Lab Control Sample Dup	77	66 S1-
LCSD 880-101685/3-A	Lab Control Sample Dup	83	71
LCSD 880-101686/3-A	Lab Control Sample Dup	93	80
LCSD 880-102366/3-A	Lab Control Sample Dup	71	71
LCSD 880-102371/3-A	Lab Control Sample Dup	89	90
MB 880-101684/1-A	Method Blank	74	67 S1-
MB 880-101685/1-A	Method Blank	83	74

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Surrogate Summary

Client: NT Global

Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1

SDG: 259634

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
MB 880-101686/1-A	Method Blank	90	80
MB 880-102366/1-A	Method Blank	90	97
MB 880-102371/1-A	Method Blank	99	111
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-101644/5-A

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101644

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/30/25 13:15	01/31/25 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/30/25 13:15	01/31/25 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/30/25 13:15	01/31/25 11:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	01/30/25 13:15	01/31/25 11:09	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/30/25 13:15	01/31/25 11:09	1

Lab Sample ID: 880-53379-A-15 MB

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			02/01/25 01:43	1
Toluene	<0.00200	U	0.00200		mg/Kg			02/01/25 01:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			02/01/25 01:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			02/01/25 01:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			02/01/25 01:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			02/01/25 01:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130		02/01/25 01:43	1
1,4-Difluorobenzene (Surr)	106		70 - 130		02/01/25 01:43	1

Lab Sample ID: MB 880-101714/5-A

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 22:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 22:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 22:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	01/31/25 22:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:31	01/31/25 22:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/25 08:31	01/31/25 22:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	01/31/25 08:31	01/31/25 22:07	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/31/25 08:31	01/31/25 22:07	1

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: LCS 880-101714/1-A

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07592		mg/Kg		76	70 - 130
Toluene	0.100	0.06529	*-	mg/Kg		65	70 - 130
Ethylbenzene	0.100	0.07082		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	0.200	0.1475		mg/Kg		74	70 - 130
o-Xylene	0.100	0.07578		mg/Kg		76	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: LCSD 880-101714/2-A

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101714

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07415		mg/Kg		74	70 - 130	2	35
Toluene	0.100	0.06476	*-	mg/Kg		65	70 - 130	1	35
Ethylbenzene	0.100	0.07020		mg/Kg		70	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1460		mg/Kg		73	70 - 130	1	35
o-Xylene	0.100	0.07516		mg/Kg		75	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 890-7613-1 MS

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: V-1

Prep Type: Total/NA

Prep Batch: 101714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08976		mg/Kg		90	70 - 130
Toluene	<0.00200	U *-	0.100	0.07659		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08222		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1694		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08382		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: 890-7613-1 MSD

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: V-1

Prep Type: Total/NA

Prep Batch: 101714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1023		mg/Kg		102	70 - 130	13	35
Toluene	<0.00200	U *-	0.100	0.08774		mg/Kg		88	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.09312		mg/Kg		93	70 - 130	12	35

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: 890-7613-1 MSD

Matrix: Solid

Analysis Batch: 101710

Client Sample ID: V-1

Prep Type: Total/NA

Prep Batch: 101714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1911		mg/Kg		96	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.09381		mg/Kg		94	70 - 130	11	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	93		70 - 130								
1,4-Difluorobenzene (Surr)	126		70 - 130								

Lab Sample ID: MB 880-101716/5-A

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	01/31/25 22:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	01/31/25 22:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	01/31/25 22:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:47	01/31/25 22:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:47	01/31/25 22:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:47	01/31/25 22:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				01/31/25 08:47	01/31/25 22:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/31/25 08:47	01/31/25 22:09	1

Lab Sample ID: LCS 880-101716/1-A

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.08730		mg/Kg		87	70 - 130		
Toluene	0.100	0.08877		mg/Kg		89	70 - 130		
Ethylbenzene	0.100	0.09167		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	0.200	0.1765		mg/Kg		88	70 - 130		
o-Xylene	0.100	0.09214		mg/Kg		92	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-101716/2-A

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101716

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1045		mg/Kg		104	70 - 130	18	35
Toluene	0.100	0.1007		mg/Kg		101	70 - 130	13	35
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130	4	35
o-Xylene	0.100	0.09760		mg/Kg		98	70 - 130	6	35

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7613-21 MS

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: V-5

Prep Type: Total/NA

Prep Batch: 101716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00201	U F1	0.100	0.1001		mg/Kg		100	70 - 130
Toluene	<0.00201	U F1	0.100	0.1001		mg/Kg		100	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.1000		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1864		mg/Kg		93	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.09683		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7613-21 MSD

Matrix: Solid

Analysis Batch: 101709

Client Sample ID: V-5

Prep Type: Total/NA

Prep Batch: 101716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00201	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00201	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00402	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00201	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-101718/5-A

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 05:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 05:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 05:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/31/25 08:53	02/01/25 05:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/25 08:53	02/01/25 05:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/25 08:53	02/01/25 05:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	01/31/25 08:53	02/01/25 05:13	1
1,4-Difluorobenzene (Surr)	117		70 - 130	01/31/25 08:53	02/01/25 05:13	1

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: LCS 880-101718/1-A

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07649		mg/Kg		76	70 - 130
Toluene	0.100	0.07045		mg/Kg		70	70 - 130
Ethylbenzene	0.100	0.07378		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	0.200	0.1538		mg/Kg		77	70 - 130
o-Xylene	0.100	0.07847		mg/Kg		78	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-101718/2-A

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101718

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07791		mg/Kg		78	70 - 130	2	35
Toluene	0.100	0.07555		mg/Kg		76	70 - 130	7	35
Ethylbenzene	0.100	0.07482		mg/Kg		75	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1597		mg/Kg		80	70 - 130	4	35
o-Xylene	0.100	0.08244		mg/Kg		82	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-7613-41 MS

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 101718

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09869		mg/Kg		99	70 - 130
Toluene	<0.00202	U	0.100	0.09687		mg/Kg		97	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.08647		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1818		mg/Kg		91	70 - 130
o-Xylene	<0.00202	U	0.100	0.08997		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-7613-41 MSD

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 101718

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	0.1023		mg/Kg		102	70 - 130	4	35
Toluene	<0.00202	U	0.100	0.09557		mg/Kg		96	70 - 130	1	35
Ethylbenzene	<0.00202	U	0.100	0.09431		mg/Kg		94	70 - 130	9	35

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: 890-7613-41 MSD

Matrix: Solid

Analysis Batch: 101712

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 101718

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1864		mg/Kg		93	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09061		mg/Kg		91	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

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

Lab Sample ID: MB 880-101684/1-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101684

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		01/30/25 19:59	02/03/25 17:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 19:59	02/03/25 17:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 19:59	02/03/25 17:01	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/30/25 19:59	02/03/25 17:01	1
o-Terphenyl	67	S1-	70 - 130				01/30/25 19:59	02/03/25 17:01	1

Lab Sample ID: LCS 880-101684/2-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101684

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	945.2		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	882.9		mg/Kg		88	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	76		70 - 130						
o-Terphenyl	65	S1-	70 - 130						

Lab Sample ID: LCSD 880-101684/3-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101684

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	967.2		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	885.8		mg/Kg		89	70 - 130	0	20

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: LCSD 880-101684/3-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101684

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	66	S1-	70 - 130

Lab Sample ID: 890-7611-A-1-C MS

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 101684

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	994	656.7	F1	mg/Kg		66	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	994	713.4		mg/Kg		72	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	68	S1-	70 - 130							
o-Terphenyl	58	S1-	70 - 130							

Lab Sample ID: 890-7611-A-1-D MSD

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 101684

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	994	609.7	F1	mg/Kg		61	70 - 130	7	20	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	994	670.2	F1	mg/Kg		67	70 - 130	6	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	66	S1-	70 - 130									
o-Terphenyl	57	S1-	70 - 130									

Lab Sample ID: MB 880-101685/1-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101685

	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		01/30/25 20:02	02/04/25 00:34	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 20:02	02/04/25 00:34	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 20:02	02/04/25 00:34	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	83		70 - 130				01/30/25 20:02	02/04/25 00:34	1	
o-Terphenyl	74		70 - 130				01/30/25 20:02	02/04/25 00:34	1	

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: LCS 880-101685/2-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101685

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1014		mg/Kg		101		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	936.5		mg/Kg		94		70 - 130	

Lab Sample ID: LCSD 880-101685/3-A

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101685

Top Data: 10/10/20											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1018		mg/Kg		102	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	947.7		mg/Kg		95	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	71		70 - 130								

Lab Sample ID: 890-7613-18 MS

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: V-4

Prep Type: Total/NA

Prep Batch: 101685

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	996	767.0		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	731.7		mg/Kg		73	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	81		70 - 130								
o-Terphenyl	66	S1-	70 - 130								

Lab Sample ID: 890-7613-18 MSD

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: V-4

Prep Type: Total/NA

Prep Batch: 101685

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 F1	996	679.1	F1	mg/Kg	-	68	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	757.3		mg/Kg		76	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	80		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: 890-7613-18 MSD

Matrix: Solid

Analysis Batch: 101850

Client Sample ID: V-4

Prep Type: Total/NA

Prep Batch: 101685

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	65	S1-	70 - 130

Lab Sample ID: MB 880-101686/1-A

Matrix: Solid

Analysis Batch: 101956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 101686

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/30/25 20:04	02/04/25 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/30/25 20:04	02/04/25 14:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/30/25 20:04	02/04/25 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/30/25 20:04	02/04/25 14:40	1
<i>o</i> -Terphenyl	80		70 - 130				01/30/25 20:04	02/04/25 14:40	1

Lab Sample ID: LCS 880-101686/2-A

Matrix: Solid

Analysis Batch: 101956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 101686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1098		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	1000	968.2		mg/Kg		97	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	88		70 - 130				
<i>o</i> -Terphenyl	79		70 - 130				

Lab Sample ID: LCSD 880-101686/3-A

Matrix: Solid

Analysis Batch: 101956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 101686

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1145		mg/Kg		115	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1023		mg/Kg		102	70 - 130	6	20
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	93		70 - 130						
<i>o</i> -Terphenyl	80		70 - 130						

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: 890-7613-38 MS

Matrix: Solid

Analysis Batch: 101956

Client Sample ID: V-8

Prep Type: Total/NA

Prep Batch: 101686

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	997	802.6		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	734.7		mg/Kg		74	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	69	S1-	70 - 130						

Lab Sample ID: 890-7613-38 MSD

Matrix: Solid

Analysis Batch: 101956

Client Sample ID: V-8

Prep Type: Total/NA

Prep Batch: 101686

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	997	788.8		mg/Kg		79	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	721.1		mg/Kg		72	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Lab Sample ID: MB 880-102366/1-A

Matrix: Solid

Analysis Batch: 102365

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102366

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/25 08:51	02/10/25 21:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/25 08:51	02/10/25 21:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/25 08:51	02/10/25 21:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/10/25 08:51	02/10/25 21:43	1
o-Terphenyl	97		70 - 130				02/10/25 08:51	02/10/25 21:43	1

Lab Sample ID: LCS 880-102366/2-A

Matrix: Solid

Analysis Batch: 102365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102366

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	909.8		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	931.0		mg/Kg		93	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: LCS 880-102366/2-A

Matrix: Solid

Analysis Batch: 102365

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102366

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	69	S1-	70 - 130
o-Terphenyl	68	S1-	70 - 130

Lab Sample ID: LCSD 880-102366/3-A

Matrix: Solid

Analysis Batch: 102365

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102366

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	807.3		mg/Kg		81	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	856.3		mg/Kg		86	70 - 130	8	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	71										
o-Terphenyl	71										

Lab Sample ID: 880-54174-A-17-B MS

Matrix: Solid

Analysis Batch: 102365

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102366

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	999	884.7		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	557.8	F1	mg/Kg		56	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	69	S1-									
o-Terphenyl	68	S1-									

Lab Sample ID: 880-54174-A-17-C MSD

Matrix: Solid

Analysis Batch: 102365

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 102366

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	906.6		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	565.4	F1	mg/Kg		57	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	69	S1-									
o-Terphenyl	69	S1-									

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: MB 880-102371/1-A

Matrix: Solid

Analysis Batch: 102353

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/10/25 21:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/10/25 21:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/10/25 10:45	02/10/25 21:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	02/10/25 10:45	02/10/25 21:43	1
o-Terphenyl	111		70 - 130	02/10/25 10:45	02/10/25 21:43	1

Lab Sample ID: LCS 880-102371/2-A

Matrix: Solid

Analysis Batch: 102353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	912.1		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	874.6		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: LCSD 880-102371/3-A

Matrix: Solid

Analysis Batch: 102353

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102371

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	884.3		mg/Kg		88	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	886.1		mg/Kg		89	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 890-7613-23 MS

Matrix: Solid

Analysis Batch: 102353

Client Sample ID: V-5

Prep Type: Total/NA

Prep Batch: 102371

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	996	944.9		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	996	741.9		mg/Kg		73	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

Lab Sample ID: 890-7613-23 MS

Matrix: Solid

Analysis Batch: 102353

Client Sample ID: V-5

Prep Type: Total/NA

Prep Batch: 102371

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-7613-23 MSD

Matrix: Solid

Analysis Batch: 102353

Client Sample ID: V-5

Prep Type: Total/NA

Prep Batch: 102371

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	<49.7	U	996	1082		mg/Kg		105	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<49.7	U	996	882.5		mg/Kg		87	70 - 130	17	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	96		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-101779/1-A

Matrix: Solid

Analysis Batch: 101856

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/04/25 00:06	1

Lab Sample ID: LCS 880-101779/2-A

Matrix: Solid

Analysis Batch: 101856

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.2		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-101779/3-A

Matrix: Solid

Analysis Batch: 101856

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	255.0		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-7613-41 MS

Matrix: Solid

Analysis Batch: 101856

Client Sample ID: H-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	54.5		250	318.0		mg/Kg		106	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7613-41 MSD

Matrix: Solid

Analysis Batch: 101856

Client Sample ID: H-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	54.5		250	319.0		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-101778/1-A

Matrix: Solid

Analysis Batch: 101859

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/03/25 22:11	1

Lab Sample ID: LCS 880-101778/2-A

Matrix: Solid

Analysis Batch: 101859

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-101778/3-A

Matrix: Solid

Analysis Batch: 101859

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	258.7		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 890-7613-18 MS

Matrix: Solid

Analysis Batch: 101859

Client Sample ID: V-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5160		2480	7838		mg/Kg		108	90 - 110

Lab Sample ID: 890-7613-18 MSD

Matrix: Solid

Analysis Batch: 101859

Client Sample ID: V-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5160		2480	7856		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-7613-28 MS

Matrix: Solid

Analysis Batch: 101859

Client Sample ID: V-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	19.7		249	293.5		mg/Kg		110	90 - 110

Lab Sample ID: 890-7613-28 MSD

Matrix: Solid

Analysis Batch: 101859

Client Sample ID: V-6

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.7		249	294.2		mg/Kg		110	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-101777/1-A

Matrix: Solid

Analysis Batch: 101866

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/03/25 15:11	1

Lab Sample ID: LCS 880-101777/2-A

Matrix: Solid

Analysis Batch: 101866

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-101777/3-A

Matrix: Solid

Analysis Batch: 101866

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.8		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-7613-8 MS

Matrix: Solid

Analysis Batch: 101866

Client Sample ID: V-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1320		1250	2615		mg/Kg		104	90 - 110

Lab Sample ID: 890-7613-8 MSD

Matrix: Solid

Analysis Batch: 101866

Client Sample ID: V-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1320		1250	2629		mg/Kg		105	90 - 110	1	20

Lab Sample ID: MB 880-102263/1-A

Matrix: Solid

Analysis Batch: 102273

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/07/25 16:01	1

Lab Sample ID: LCS 880-102263/2-A

Matrix: Solid

Analysis Batch: 102273

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.5		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-102263/3-A

Matrix: Solid

Analysis Batch: 102273

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.6		mg/Kg		105	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-54174-A-16-B MS										Client Sample ID: Matrix Spike			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 102273													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	1390		251	1606	E 4	mg/Kg		86	90 - 110				

Lab Sample ID: 880-54174-A-16-C MSD										Client Sample ID: Matrix Spike Duplicate			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 102273													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	1390		251	1601	E 4	mg/Kg		83	90 - 110	0	20		

QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC VOA

Prep Batch: 101644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-101644/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 101709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-21	V-5	Total/NA	Solid	8021B	101716
890-7613-22	V-5	Total/NA	Solid	8021B	101716
890-7613-23	V-5	Total/NA	Solid	8021B	101716
890-7613-24	V-5	Total/NA	Solid	8021B	101716
890-7613-25	V-5	Total/NA	Solid	8021B	101716
890-7613-26	V-6	Total/NA	Solid	8021B	101716
890-7613-27	V-6	Total/NA	Solid	8021B	101716
890-7613-28	V-6	Total/NA	Solid	8021B	101716
890-7613-29	V-6	Total/NA	Solid	8021B	101716
890-7613-30	V-6	Total/NA	Solid	8021B	101716
890-7613-31	V-7	Total/NA	Solid	8021B	101716
890-7613-32	V-7	Total/NA	Solid	8021B	101716
890-7613-33	V-7	Total/NA	Solid	8021B	101716
890-7613-34	V-7	Total/NA	Solid	8021B	101716
890-7613-35	V-7	Total/NA	Solid	8021B	101716
890-7613-36	V-8	Total/NA	Solid	8021B	101716
890-7613-37	V-8	Total/NA	Solid	8021B	101716
890-7613-38	V-8	Total/NA	Solid	8021B	101716
890-7613-39	V-8	Total/NA	Solid	8021B	101716
890-7613-40	V-8	Total/NA	Solid	8021B	101716
MB 880-101644/5-A	Method Blank	Total/NA	Solid	8021B	101644
MB 880-101716/5-A	Method Blank	Total/NA	Solid	8021B	101716
LCS 880-101716/1-A	Lab Control Sample	Total/NA	Solid	8021B	101716
LCSD 880-101716/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101716
890-7613-21 MS	V-5	Total/NA	Solid	8021B	101716
890-7613-21 MSD	V-5	Total/NA	Solid	8021B	101716

Analysis Batch: 101710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Total/NA	Solid	8021B	101714
890-7613-2	V-1	Total/NA	Solid	8021B	101714
890-7613-3	V-1	Total/NA	Solid	8021B	101714
890-7613-4	V-1	Total/NA	Solid	8021B	101714
890-7613-5	V-1	Total/NA	Solid	8021B	101714
890-7613-6	V-2	Total/NA	Solid	8021B	101714
890-7613-7	V-2	Total/NA	Solid	8021B	101714
890-7613-8	V-2	Total/NA	Solid	8021B	101714
890-7613-9	V-2	Total/NA	Solid	8021B	101714
890-7613-10	V-2	Total/NA	Solid	8021B	101714
890-7613-11	V-3	Total/NA	Solid	8021B	101714
890-7613-12	V-3	Total/NA	Solid	8021B	101714
890-7613-13	V-3	Total/NA	Solid	8021B	101714
890-7613-14	V-3	Total/NA	Solid	8021B	101714
890-7613-15	V-3	Total/NA	Solid	8021B	101714
890-7613-16	V-4	Total/NA	Solid	8021B	101714
890-7613-17	V-4	Total/NA	Solid	8021B	101714
890-7613-18	V-4	Total/NA	Solid	8021B	101714

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC VOA (Continued)

Analysis Batch: 101710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-19	V-4	Total/NA	Solid	8021B	101714
890-7613-20	V-4	Total/NA	Solid	8021B	101714
MB 880-101714/5-A	Method Blank	Total/NA	Solid	8021B	101714
LCS 880-101714/1-A	Lab Control Sample	Total/NA	Solid	8021B	101714
LCSD 880-101714/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101714
890-7613-1 MS	V-1	Total/NA	Solid	8021B	101714
890-7613-1 MSD	V-1	Total/NA	Solid	8021B	101714

Analysis Batch: 101712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-41	H-1	Total/NA	Solid	8021B	101718
890-7613-42	H-2	Total/NA	Solid	8021B	101718
890-7613-43	H-3	Total/NA	Solid	8021B	101718
890-7613-44	H-4	Total/NA	Solid	8021B	101718
890-7613-45	H-5	Total/NA	Solid	8021B	101718
890-7613-46	H-6	Total/NA	Solid	8021B	101718
890-7613-47	H-7	Total/NA	Solid	8021B	101718
890-7613-48	H-8	Total/NA	Solid	8021B	101718
890-7613-49	H-9	Total/NA	Solid	8021B	101718
890-7613-50	H-10	Total/NA	Solid	8021B	101718
880-53379-A-15 MB	Method Blank	Total/NA	Solid	8021B	
MB 880-101718/5-A	Method Blank	Total/NA	Solid	8021B	101718
LCS 880-101718/1-A	Lab Control Sample	Total/NA	Solid	8021B	101718
LCSD 880-101718/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	101718
890-7613-41 MS	H-1	Total/NA	Solid	8021B	101718
890-7613-41 MSD	H-1	Total/NA	Solid	8021B	101718

Prep Batch: 101714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Total/NA	Solid	5035	
890-7613-2	V-1	Total/NA	Solid	5035	
890-7613-3	V-1	Total/NA	Solid	5035	
890-7613-4	V-1	Total/NA	Solid	5035	
890-7613-5	V-1	Total/NA	Solid	5035	
890-7613-6	V-2	Total/NA	Solid	5035	
890-7613-7	V-2	Total/NA	Solid	5035	
890-7613-8	V-2	Total/NA	Solid	5035	
890-7613-9	V-2	Total/NA	Solid	5035	
890-7613-10	V-2	Total/NA	Solid	5035	
890-7613-11	V-3	Total/NA	Solid	5035	
890-7613-12	V-3	Total/NA	Solid	5035	
890-7613-13	V-3	Total/NA	Solid	5035	
890-7613-14	V-3	Total/NA	Solid	5035	
890-7613-15	V-3	Total/NA	Solid	5035	
890-7613-16	V-4	Total/NA	Solid	5035	
890-7613-17	V-4	Total/NA	Solid	5035	
890-7613-18	V-4	Total/NA	Solid	5035	
890-7613-19	V-4	Total/NA	Solid	5035	
890-7613-20	V-4	Total/NA	Solid	5035	
MB 880-101714/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101714/1-A	Lab Control Sample	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC VOA (Continued)

Prep Batch: 101714 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-101714/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7613-1 MS	V-1	Total/NA	Solid	5035	
890-7613-1 MSD	V-1	Total/NA	Solid	5035	

Prep Batch: 101716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-21	V-5	Total/NA	Solid	5035	
890-7613-22	V-5	Total/NA	Solid	5035	
890-7613-23	V-5	Total/NA	Solid	5035	
890-7613-24	V-5	Total/NA	Solid	5035	
890-7613-25	V-5	Total/NA	Solid	5035	
890-7613-26	V-6	Total/NA	Solid	5035	
890-7613-27	V-6	Total/NA	Solid	5035	
890-7613-28	V-6	Total/NA	Solid	5035	
890-7613-29	V-6	Total/NA	Solid	5035	
890-7613-30	V-6	Total/NA	Solid	5035	
890-7613-31	V-7	Total/NA	Solid	5035	
890-7613-32	V-7	Total/NA	Solid	5035	
890-7613-33	V-7	Total/NA	Solid	5035	
890-7613-34	V-7	Total/NA	Solid	5035	
890-7613-35	V-7	Total/NA	Solid	5035	
890-7613-36	V-8	Total/NA	Solid	5035	
890-7613-37	V-8	Total/NA	Solid	5035	
890-7613-38	V-8	Total/NA	Solid	5035	
890-7613-39	V-8	Total/NA	Solid	5035	
890-7613-40	V-8	Total/NA	Solid	5035	
MB 880-101716/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101716/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101716/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7613-21 MS	V-5	Total/NA	Solid	5035	
890-7613-21 MSD	V-5	Total/NA	Solid	5035	

Prep Batch: 101718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-41	H-1	Total/NA	Solid	5035	
890-7613-42	H-2	Total/NA	Solid	5035	
890-7613-43	H-3	Total/NA	Solid	5035	
890-7613-44	H-4	Total/NA	Solid	5035	
890-7613-45	H-5	Total/NA	Solid	5035	
890-7613-46	H-6	Total/NA	Solid	5035	
890-7613-47	H-7	Total/NA	Solid	5035	
890-7613-48	H-8	Total/NA	Solid	5035	
890-7613-49	H-9	Total/NA	Solid	5035	
890-7613-50	H-10	Total/NA	Solid	5035	
MB 880-101718/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-101718/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-101718/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7613-41 MS	H-1	Total/NA	Solid	5035	
890-7613-41 MSD	H-1	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC VOA

Analysis Batch: 101906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Total/NA	Solid	Total BTEX	
890-7613-2	V-1	Total/NA	Solid	Total BTEX	
890-7613-3	V-1	Total/NA	Solid	Total BTEX	
890-7613-4	V-1	Total/NA	Solid	Total BTEX	
890-7613-5	V-1	Total/NA	Solid	Total BTEX	
890-7613-6	V-2	Total/NA	Solid	Total BTEX	
890-7613-7	V-2	Total/NA	Solid	Total BTEX	
890-7613-8	V-2	Total/NA	Solid	Total BTEX	
890-7613-9	V-2	Total/NA	Solid	Total BTEX	
890-7613-10	V-2	Total/NA	Solid	Total BTEX	
890-7613-11	V-3	Total/NA	Solid	Total BTEX	
890-7613-12	V-3	Total/NA	Solid	Total BTEX	
890-7613-13	V-3	Total/NA	Solid	Total BTEX	
890-7613-14	V-3	Total/NA	Solid	Total BTEX	
890-7613-15	V-3	Total/NA	Solid	Total BTEX	
890-7613-16	V-4	Total/NA	Solid	Total BTEX	
890-7613-17	V-4	Total/NA	Solid	Total BTEX	
890-7613-18	V-4	Total/NA	Solid	Total BTEX	
890-7613-19	V-4	Total/NA	Solid	Total BTEX	
890-7613-20	V-4	Total/NA	Solid	Total BTEX	
890-7613-21	V-5	Total/NA	Solid	Total BTEX	
890-7613-22	V-5	Total/NA	Solid	Total BTEX	
890-7613-23	V-5	Total/NA	Solid	Total BTEX	
890-7613-24	V-5	Total/NA	Solid	Total BTEX	
890-7613-25	V-5	Total/NA	Solid	Total BTEX	
890-7613-26	V-6	Total/NA	Solid	Total BTEX	
890-7613-27	V-6	Total/NA	Solid	Total BTEX	
890-7613-28	V-6	Total/NA	Solid	Total BTEX	
890-7613-29	V-6	Total/NA	Solid	Total BTEX	
890-7613-30	V-6	Total/NA	Solid	Total BTEX	
890-7613-31	V-7	Total/NA	Solid	Total BTEX	
890-7613-32	V-7	Total/NA	Solid	Total BTEX	
890-7613-33	V-7	Total/NA	Solid	Total BTEX	
890-7613-34	V-7	Total/NA	Solid	Total BTEX	
890-7613-35	V-7	Total/NA	Solid	Total BTEX	
890-7613-36	V-8	Total/NA	Solid	Total BTEX	
890-7613-37	V-8	Total/NA	Solid	Total BTEX	
890-7613-38	V-8	Total/NA	Solid	Total BTEX	
890-7613-39	V-8	Total/NA	Solid	Total BTEX	
890-7613-40	V-8	Total/NA	Solid	Total BTEX	
890-7613-41	H-1	Total/NA	Solid	Total BTEX	
890-7613-42	H-2	Total/NA	Solid	Total BTEX	
890-7613-43	H-3	Total/NA	Solid	Total BTEX	
890-7613-44	H-4	Total/NA	Solid	Total BTEX	
890-7613-45	H-5	Total/NA	Solid	Total BTEX	
890-7613-46	H-6	Total/NA	Solid	Total BTEX	
890-7613-47	H-7	Total/NA	Solid	Total BTEX	
890-7613-48	H-8	Total/NA	Solid	Total BTEX	
890-7613-49	H-9	Total/NA	Solid	Total BTEX	
890-7613-50	H-10	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC Semi VOA

Prep Batch: 101684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-2	V-1	Total/NA	Solid	8015NM Prep	
890-7613-4	V-1	Total/NA	Solid	8015NM Prep	
890-7613-5	V-1	Total/NA	Solid	8015NM Prep	
890-7613-6	V-2	Total/NA	Solid	8015NM Prep	
890-7613-7	V-2	Total/NA	Solid	8015NM Prep	
890-7613-9	V-2	Total/NA	Solid	8015NM Prep	
890-7613-11	V-3	Total/NA	Solid	8015NM Prep	
890-7613-13	V-3	Total/NA	Solid	8015NM Prep	
890-7613-14	V-3	Total/NA	Solid	8015NM Prep	
890-7613-15	V-3	Total/NA	Solid	8015NM Prep	
890-7613-16	V-4	Total/NA	Solid	8015NM Prep	
890-7613-17	V-4	Total/NA	Solid	8015NM Prep	
MB 880-101684/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101684/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101684/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7611-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7611-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 101685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-19	V-4	Total/NA	Solid	8015NM Prep	
890-7613-20	V-4	Total/NA	Solid	8015NM Prep	
890-7613-21	V-5	Total/NA	Solid	8015NM Prep	
890-7613-22	V-5	Total/NA	Solid	8015NM Prep	
890-7613-24	V-5	Total/NA	Solid	8015NM Prep	
890-7613-25	V-5	Total/NA	Solid	8015NM Prep	
890-7613-29	V-6	Total/NA	Solid	8015NM Prep	
890-7613-30	V-6	Total/NA	Solid	8015NM Prep	
890-7613-31	V-7	Total/NA	Solid	8015NM Prep	
890-7613-33	V-7	Total/NA	Solid	8015NM Prep	
890-7613-35	V-7	Total/NA	Solid	8015NM Prep	
MB 880-101685/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101685/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101685/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7613-18 MS	V-4	Total/NA	Solid	8015NM Prep	
890-7613-18 MSD	V-4	Total/NA	Solid	8015NM Prep	

Prep Batch: 101686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-38	V-8	Total/NA	Solid	8015NM Prep	
890-7613-39	V-8	Total/NA	Solid	8015NM Prep	
890-7613-40	V-8	Total/NA	Solid	8015NM Prep	
890-7613-42	H-2	Total/NA	Solid	8015NM Prep	
890-7613-43	H-3	Total/NA	Solid	8015NM Prep	
890-7613-45	H-5	Total/NA	Solid	8015NM Prep	
890-7613-46	H-6	Total/NA	Solid	8015NM Prep	
MB 880-101686/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-101686/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-101686/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7613-38 MS	V-8	Total/NA	Solid	8015NM Prep	
890-7613-38 MSD	V-8	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC Semi VOA

Analysis Batch: 101850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-2	V-1	Total/NA	Solid	8015B NM	101684
890-7613-4	V-1	Total/NA	Solid	8015B NM	101684
890-7613-5	V-1	Total/NA	Solid	8015B NM	101684
890-7613-6	V-2	Total/NA	Solid	8015B NM	101684
890-7613-7	V-2	Total/NA	Solid	8015B NM	101684
890-7613-9	V-2	Total/NA	Solid	8015B NM	101684
890-7613-11	V-3	Total/NA	Solid	8015B NM	101684
890-7613-13	V-3	Total/NA	Solid	8015B NM	101684
890-7613-14	V-3	Total/NA	Solid	8015B NM	101684
890-7613-15	V-3	Total/NA	Solid	8015B NM	101684
890-7613-16	V-4	Total/NA	Solid	8015B NM	101684
890-7613-17	V-4	Total/NA	Solid	8015B NM	101684
890-7613-19	V-4	Total/NA	Solid	8015B NM	101685
890-7613-20	V-4	Total/NA	Solid	8015B NM	101685
890-7613-21	V-5	Total/NA	Solid	8015B NM	101685
890-7613-22	V-5	Total/NA	Solid	8015B NM	101685
890-7613-24	V-5	Total/NA	Solid	8015B NM	101685
890-7613-25	V-5	Total/NA	Solid	8015B NM	101685
890-7613-29	V-6	Total/NA	Solid	8015B NM	101685
890-7613-30	V-6	Total/NA	Solid	8015B NM	101685
890-7613-31	V-7	Total/NA	Solid	8015B NM	101685
890-7613-33	V-7	Total/NA	Solid	8015B NM	101685
890-7613-35	V-7	Total/NA	Solid	8015B NM	101685
MB 880-101684/1-A	Method Blank	Total/NA	Solid	8015B NM	101684
MB 880-101685/1-A	Method Blank	Total/NA	Solid	8015B NM	101685
LCS 880-101684/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101684
LCS 880-101685/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101685
LCSD 880-101684/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101684
LCSD 880-101685/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101685
890-7611-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	101684
890-7611-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	101684
890-7613-18 MS	V-4	Total/NA	Solid	8015B NM	101685
890-7613-18 MSD	V-4	Total/NA	Solid	8015B NM	101685

Analysis Batch: 101956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-38	V-8	Total/NA	Solid	8015B NM	101686
890-7613-39	V-8	Total/NA	Solid	8015B NM	101686
890-7613-40	V-8	Total/NA	Solid	8015B NM	101686
890-7613-42	H-2	Total/NA	Solid	8015B NM	101686
890-7613-43	H-3	Total/NA	Solid	8015B NM	101686
890-7613-45	H-5	Total/NA	Solid	8015B NM	101686
890-7613-46	H-6	Total/NA	Solid	8015B NM	101686
MB 880-101686/1-A	Method Blank	Total/NA	Solid	8015B NM	101686
LCS 880-101686/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	101686
LCSD 880-101686/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	101686
890-7613-38 MS	V-8	Total/NA	Solid	8015B NM	101686
890-7613-38 MSD	V-8	Total/NA	Solid	8015B NM	101686

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC Semi VOA

Analysis Batch: 101994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Total/NA	Solid	8015 NM	
890-7613-2	V-1	Total/NA	Solid	8015 NM	
890-7613-3	V-1	Total/NA	Solid	8015 NM	
890-7613-4	V-1	Total/NA	Solid	8015 NM	
890-7613-5	V-1	Total/NA	Solid	8015 NM	
890-7613-6	V-2	Total/NA	Solid	8015 NM	
890-7613-7	V-2	Total/NA	Solid	8015 NM	
890-7613-8	V-2	Total/NA	Solid	8015 NM	
890-7613-9	V-2	Total/NA	Solid	8015 NM	
890-7613-10	V-2	Total/NA	Solid	8015 NM	
890-7613-11	V-3	Total/NA	Solid	8015 NM	
890-7613-12	V-3	Total/NA	Solid	8015 NM	
890-7613-13	V-3	Total/NA	Solid	8015 NM	
890-7613-14	V-3	Total/NA	Solid	8015 NM	
890-7613-15	V-3	Total/NA	Solid	8015 NM	
890-7613-16	V-4	Total/NA	Solid	8015 NM	
890-7613-17	V-4	Total/NA	Solid	8015 NM	
890-7613-18	V-4	Total/NA	Solid	8015 NM	
890-7613-19	V-4	Total/NA	Solid	8015 NM	
890-7613-20	V-4	Total/NA	Solid	8015 NM	
890-7613-21	V-5	Total/NA	Solid	8015 NM	
890-7613-22	V-5	Total/NA	Solid	8015 NM	
890-7613-23	V-5	Total/NA	Solid	8015 NM	
890-7613-24	V-5	Total/NA	Solid	8015 NM	
890-7613-25	V-5	Total/NA	Solid	8015 NM	
890-7613-26	V-6	Total/NA	Solid	8015 NM	
890-7613-27	V-6	Total/NA	Solid	8015 NM	
890-7613-28	V-6	Total/NA	Solid	8015 NM	
890-7613-29	V-6	Total/NA	Solid	8015 NM	
890-7613-30	V-6	Total/NA	Solid	8015 NM	
890-7613-31	V-7	Total/NA	Solid	8015 NM	
890-7613-32	V-7	Total/NA	Solid	8015 NM	
890-7613-33	V-7	Total/NA	Solid	8015 NM	
890-7613-34	V-7	Total/NA	Solid	8015 NM	
890-7613-35	V-7	Total/NA	Solid	8015 NM	
890-7613-36	V-8	Total/NA	Solid	8015 NM	
890-7613-37	V-8	Total/NA	Solid	8015 NM	
890-7613-38	V-8	Total/NA	Solid	8015 NM	
890-7613-39	V-8	Total/NA	Solid	8015 NM	
890-7613-40	V-8	Total/NA	Solid	8015 NM	
890-7613-41	H-1	Total/NA	Solid	8015 NM	
890-7613-42	H-2	Total/NA	Solid	8015 NM	
890-7613-43	H-3	Total/NA	Solid	8015 NM	
890-7613-44	H-4	Total/NA	Solid	8015 NM	
890-7613-45	H-5	Total/NA	Solid	8015 NM	
890-7613-46	H-6	Total/NA	Solid	8015 NM	
890-7613-47	H-7	Total/NA	Solid	8015 NM	
890-7613-48	H-8	Total/NA	Solid	8015 NM	
890-7613-49	H-9	Total/NA	Solid	8015 NM	
890-7613-50	H-10	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC Semi VOA

Analysis Batch: 102353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-23	V-5	Total/NA	Solid	8015B NM	102371
890-7613-26	V-6	Total/NA	Solid	8015B NM	102371
890-7613-27	V-6	Total/NA	Solid	8015B NM	102371
890-7613-28	V-6	Total/NA	Solid	8015B NM	102371
890-7613-32	V-7	Total/NA	Solid	8015B NM	102371
890-7613-34	V-7	Total/NA	Solid	8015B NM	102371
890-7613-36	V-8	Total/NA	Solid	8015B NM	102371
890-7613-37	V-8	Total/NA	Solid	8015B NM	102371
890-7613-41	H-1	Total/NA	Solid	8015B NM	102371
890-7613-44	H-4	Total/NA	Solid	8015B NM	102371
890-7613-47	H-7	Total/NA	Solid	8015B NM	102371
890-7613-48	H-8	Total/NA	Solid	8015B NM	102371
890-7613-49	H-9	Total/NA	Solid	8015B NM	102371
890-7613-50	H-10	Total/NA	Solid	8015B NM	102371
MB 880-102371/1-A	Method Blank	Total/NA	Solid	8015B NM	102371
LCS 880-102371/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102371
LCSD 880-102371/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102371
890-7613-23 MS	V-5	Total/NA	Solid	8015B NM	102371
890-7613-23 MSD	V-5	Total/NA	Solid	8015B NM	102371

Analysis Batch: 102365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Total/NA	Solid	8015B NM	102366
890-7613-3	V-1	Total/NA	Solid	8015B NM	102366
890-7613-8	V-2	Total/NA	Solid	8015B NM	102366
890-7613-10	V-2	Total/NA	Solid	8015B NM	102366
890-7613-12	V-3	Total/NA	Solid	8015B NM	102366
890-7613-18	V-4	Total/NA	Solid	8015B NM	102366
MB 880-102366/1-A	Method Blank	Total/NA	Solid	8015B NM	102366
LCS 880-102366/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102366
LCSD 880-102366/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102366
880-54174-A-17-B MS	Matrix Spike	Total/NA	Solid	8015B NM	102366
880-54174-A-17-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	102366

Prep Batch: 102366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Total/NA	Solid	8015NM Prep	
890-7613-3	V-1	Total/NA	Solid	8015NM Prep	
890-7613-8	V-2	Total/NA	Solid	8015NM Prep	
890-7613-10	V-2	Total/NA	Solid	8015NM Prep	
890-7613-12	V-3	Total/NA	Solid	8015NM Prep	
890-7613-18	V-4	Total/NA	Solid	8015NM Prep	
MB 880-102366/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102366/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102366/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-54174-A-17-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-54174-A-17-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 102371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-23	V-5	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

GC Semi VOA (Continued)

Prep Batch: 102371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-26	V-6	Total/NA	Solid	8015NM Prep	
890-7613-27	V-6	Total/NA	Solid	8015NM Prep	
890-7613-28	V-6	Total/NA	Solid	8015NM Prep	
890-7613-32	V-7	Total/NA	Solid	8015NM Prep	
890-7613-34	V-7	Total/NA	Solid	8015NM Prep	
890-7613-36	V-8	Total/NA	Solid	8015NM Prep	
890-7613-37	V-8	Total/NA	Solid	8015NM Prep	
890-7613-41	H-1	Total/NA	Solid	8015NM Prep	
890-7613-44	H-4	Total/NA	Solid	8015NM Prep	
890-7613-47	H-7	Total/NA	Solid	8015NM Prep	
890-7613-48	H-8	Total/NA	Solid	8015NM Prep	
890-7613-49	H-9	Total/NA	Solid	8015NM Prep	
890-7613-50	H-10	Total/NA	Solid	8015NM Prep	
MB 880-102371/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102371/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102371/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7613-23 MS	V-5	Total/NA	Solid	8015NM Prep	
890-7613-23 MSD	V-5	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 101777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Soluble	Solid	DI Leach	
890-7613-2	V-1	Soluble	Solid	DI Leach	
890-7613-3	V-1	Soluble	Solid	DI Leach	
890-7613-4	V-1	Soluble	Solid	DI Leach	
890-7613-5	V-1	Soluble	Solid	DI Leach	
890-7613-6	V-2	Soluble	Solid	DI Leach	
890-7613-7	V-2	Soluble	Solid	DI Leach	
890-7613-8	V-2	Soluble	Solid	DI Leach	
890-7613-9	V-2	Soluble	Solid	DI Leach	
890-7613-10	V-2	Soluble	Solid	DI Leach	
890-7613-11	V-3	Soluble	Solid	DI Leach	
890-7613-12	V-3	Soluble	Solid	DI Leach	
890-7613-13	V-3	Soluble	Solid	DI Leach	
890-7613-14	V-3	Soluble	Solid	DI Leach	
890-7613-15	V-3	Soluble	Solid	DI Leach	
890-7613-16	V-4	Soluble	Solid	DI Leach	
890-7613-17	V-4	Soluble	Solid	DI Leach	
MB 880-101777/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101777/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101777/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7613-8 MS	V-2	Soluble	Solid	DI Leach	
890-7613-8 MSD	V-2	Soluble	Solid	DI Leach	

Leach Batch: 101778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-18	V-4	Soluble	Solid	DI Leach	
890-7613-19	V-4	Soluble	Solid	DI Leach	
890-7613-20	V-4	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

HPLC/IC (Continued)

Leach Batch: 101778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-21	V-5	Soluble	Solid	DI Leach	
890-7613-22	V-5	Soluble	Solid	DI Leach	
890-7613-23	V-5	Soluble	Solid	DI Leach	
890-7613-24	V-5	Soluble	Solid	DI Leach	
890-7613-25	V-5	Soluble	Solid	DI Leach	
890-7613-26	V-6	Soluble	Solid	DI Leach	
890-7613-27	V-6	Soluble	Solid	DI Leach	
890-7613-28	V-6	Soluble	Solid	DI Leach	
890-7613-29	V-6	Soluble	Solid	DI Leach	
890-7613-31	V-7	Soluble	Solid	DI Leach	
890-7613-32	V-7	Soluble	Solid	DI Leach	
890-7613-33	V-7	Soluble	Solid	DI Leach	
890-7613-34	V-7	Soluble	Solid	DI Leach	
890-7613-35	V-7	Soluble	Solid	DI Leach	
890-7613-36	V-8	Soluble	Solid	DI Leach	
890-7613-37	V-8	Soluble	Solid	DI Leach	
MB 880-101778/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101778/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101778/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7613-18 MS	V-4	Soluble	Solid	DI Leach	
890-7613-18 MSD	V-4	Soluble	Solid	DI Leach	
890-7613-28 MS	V-6	Soluble	Solid	DI Leach	
890-7613-28 MSD	V-6	Soluble	Solid	DI Leach	

Leach Batch: 101779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-38	V-8	Soluble	Solid	DI Leach	
890-7613-39	V-8	Soluble	Solid	DI Leach	
890-7613-40	V-8	Soluble	Solid	DI Leach	
890-7613-41	H-1	Soluble	Solid	DI Leach	
890-7613-42	H-2	Soluble	Solid	DI Leach	
890-7613-43	H-3	Soluble	Solid	DI Leach	
890-7613-44	H-4	Soluble	Solid	DI Leach	
890-7613-45	H-5	Soluble	Solid	DI Leach	
890-7613-46	H-6	Soluble	Solid	DI Leach	
890-7613-47	H-7	Soluble	Solid	DI Leach	
890-7613-48	H-8	Soluble	Solid	DI Leach	
890-7613-49	H-9	Soluble	Solid	DI Leach	
890-7613-50	H-10	Soluble	Solid	DI Leach	
MB 880-101779/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-101779/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-101779/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7613-41 MS	H-1	Soluble	Solid	DI Leach	
890-7613-41 MSD	H-1	Soluble	Solid	DI Leach	

Analysis Batch: 101856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-38	V-8	Soluble	Solid	300.0	101779
890-7613-39	V-8	Soluble	Solid	300.0	101779
890-7613-40	V-8	Soluble	Solid	300.0	101779
890-7613-41	H-1	Soluble	Solid	300.0	101779

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

HPLC/IC (Continued)

Analysis Batch: 101856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-42	H-2	Soluble	Solid	300.0	101779
890-7613-43	H-3	Soluble	Solid	300.0	101779
890-7613-44	H-4	Soluble	Solid	300.0	101779
890-7613-45	H-5	Soluble	Solid	300.0	101779
890-7613-46	H-6	Soluble	Solid	300.0	101779
890-7613-47	H-7	Soluble	Solid	300.0	101779
890-7613-48	H-8	Soluble	Solid	300.0	101779
890-7613-49	H-9	Soluble	Solid	300.0	101779
890-7613-50	H-10	Soluble	Solid	300.0	101779
MB 880-101779/1-A	Method Blank	Soluble	Solid	300.0	101779
LCS 880-101779/2-A	Lab Control Sample	Soluble	Solid	300.0	101779
LCSD 880-101779/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101779
890-7613-41 MS	H-1	Soluble	Solid	300.0	101779
890-7613-41 MSD	H-1	Soluble	Solid	300.0	101779

Analysis Batch: 101859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-18	V-4	Soluble	Solid	300.0	101778
890-7613-19	V-4	Soluble	Solid	300.0	101778
890-7613-20	V-4	Soluble	Solid	300.0	101778
890-7613-21	V-5	Soluble	Solid	300.0	101778
890-7613-22	V-5	Soluble	Solid	300.0	101778
890-7613-23	V-5	Soluble	Solid	300.0	101778
890-7613-24	V-5	Soluble	Solid	300.0	101778
890-7613-25	V-5	Soluble	Solid	300.0	101778
890-7613-26	V-6	Soluble	Solid	300.0	101778
890-7613-27	V-6	Soluble	Solid	300.0	101778
890-7613-28	V-6	Soluble	Solid	300.0	101778
890-7613-29	V-6	Soluble	Solid	300.0	101778
890-7613-31	V-7	Soluble	Solid	300.0	101778
890-7613-32	V-7	Soluble	Solid	300.0	101778
890-7613-33	V-7	Soluble	Solid	300.0	101778
890-7613-34	V-7	Soluble	Solid	300.0	101778
890-7613-35	V-7	Soluble	Solid	300.0	101778
890-7613-36	V-8	Soluble	Solid	300.0	101778
890-7613-37	V-8	Soluble	Solid	300.0	101778
MB 880-101778/1-A	Method Blank	Soluble	Solid	300.0	101778
LCS 880-101778/2-A	Lab Control Sample	Soluble	Solid	300.0	101778
LCSD 880-101778/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101778
890-7613-18 MS	V-4	Soluble	Solid	300.0	101778
890-7613-18 MSD	V-4	Soluble	Solid	300.0	101778
890-7613-28 MS	V-6	Soluble	Solid	300.0	101778
890-7613-28 MSD	V-6	Soluble	Solid	300.0	101778

Analysis Batch: 101866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-1	V-1	Soluble	Solid	300.0	101777
890-7613-2	V-1	Soluble	Solid	300.0	101777
890-7613-3	V-1	Soluble	Solid	300.0	101777
890-7613-4	V-1	Soluble	Solid	300.0	101777
890-7613-5	V-1	Soluble	Solid	300.0	101777

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QC Association Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

HPLC/IC (Continued)

Analysis Batch: 101866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-6	V-2	Soluble	Solid	300.0	101777
890-7613-7	V-2	Soluble	Solid	300.0	101777
890-7613-8	V-2	Soluble	Solid	300.0	101777
890-7613-9	V-2	Soluble	Solid	300.0	101777
890-7613-10	V-2	Soluble	Solid	300.0	101777
890-7613-11	V-3	Soluble	Solid	300.0	101777
890-7613-12	V-3	Soluble	Solid	300.0	101777
890-7613-13	V-3	Soluble	Solid	300.0	101777
890-7613-14	V-3	Soluble	Solid	300.0	101777
890-7613-15	V-3	Soluble	Solid	300.0	101777
890-7613-16	V-4	Soluble	Solid	300.0	101777
890-7613-17	V-4	Soluble	Solid	300.0	101777
MB 880-101777/1-A	Method Blank	Soluble	Solid	300.0	101777
LCS 880-101777/2-A	Lab Control Sample	Soluble	Solid	300.0	101777
LCSD 880-101777/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	101777
890-7613-8 MS	V-2	Soluble	Solid	300.0	101777
890-7613-8 MSD	V-2	Soluble	Solid	300.0	101777

Leach Batch: 102263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-30	V-6	Soluble	Solid	DI Leach	
MB 880-102263/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102263/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102263/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-54174-A-16-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-54174-A-16-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 102273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7613-30	V-6	Soluble	Solid	300.0	102263
MB 880-102263/1-A	Method Blank	Soluble	Solid	300.0	102263
LCS 880-102263/2-A	Lab Control Sample	Soluble	Solid	300.0	102263
LCSD 880-102263/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102263
880-54174-A-16-B MS	Matrix Spike	Soluble	Solid	300.0	102263
880-54174-A-16-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	102263

Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-1

Lab Sample ID: 890-7613-1

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 22:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 22:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 01:08	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102366	02/10/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102365	02/11/25 01:08	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 16:11	CH	EET MID

Client Sample ID: V-1

Lab Sample ID: 890-7613-2

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 22:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 22:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 19:23	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 19:23	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 16:19	CH	EET MID

Client Sample ID: V-1

Lab Sample ID: 890-7613-3

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 23:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 23:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 01:28	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102366	02/10/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102365	02/11/25 01:28	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 16:41	CH	EET MID

Client Sample ID: V-1

Lab Sample ID: 890-7613-4

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 23:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 23:31	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-1

Lab Sample ID: 890-7613-4

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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			101994	02/03/25 19:54	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 19:54	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 16:48	CH	EET MID

Client Sample ID: V-1

Lab Sample ID: 890-7613-5

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	01/31/25 23:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 23:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 20:08	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 20:08	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 16:56	CH	EET MID

Client Sample ID: V-2

Lab Sample ID: 890-7613-6

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 00:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 20:24	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 20:24	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101866	02/03/25 17:03	CH	EET MID

Client Sample ID: V-2

Lab Sample ID: 890-7613-7

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 00:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 20:38	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 20:38	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-7

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			5.01 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101866	02/03/25 17:11	CH	EET MID

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-8

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			4.97 g	5 mL	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 00:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 01:49	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102366	02/10/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102365	02/11/25 01:49	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101866	02/03/25 17:18	CH	EET MID

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-9

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 01:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 01:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 21:23	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 21:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101866	02/03/25 17:40	CH	EET MID

Client Sample ID: V-2

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-10

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 01:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 02:10	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102366	02/10/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102365	02/11/25 02:10	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101866	02/03/25 17:48	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-3

Lab Sample ID: 890-7613-11

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 03:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 03:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 21:53	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 21:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101866	02/03/25 18:10	CH	EET MID

Client Sample ID: V-3

Lab Sample ID: 890-7613-12

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 03:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 03:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 03:11	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102366	02/10/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102365	02/11/25 03:11	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 18:18	CH	EET MID

Client Sample ID: V-3

Lab Sample ID: 890-7613-13

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 03:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 22:22	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 22:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 18:25	CH	EET MID

Client Sample ID: V-3

Lab Sample ID: 890-7613-14

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 04:10	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-3

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-14

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			101994	02/03/25 22:36	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 22:36	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 18:33	CH	EET MID

Client Sample ID: V-3

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-15

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			4.95 g	5 mL	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 04:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 22:51	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101866	02/03/25 18:40	CH	EET MID

Client Sample ID: V-4

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-16

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			4.96 g	5 mL	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 04:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 04:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 23:05	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 23:05	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101866	02/03/25 18:48	CH	EET MID

Client Sample ID: V-4

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-17

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			5.03 g	5 mL	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 05:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 05:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/03/25 23:20	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101684	01/30/25 20:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/03/25 23:20	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-4

Lab Sample ID: 890-7613-17

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101777	01/31/25 15:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101866	02/03/25 18:55	CH	EET MID

Client Sample ID: V-4

Lab Sample ID: 890-7613-18

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 05:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 05:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 03:53	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102366	02/10/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102365	02/11/25 03:53	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	101859	02/03/25 22:29	CH	EET MID

Client Sample ID: V-4

Lab Sample ID: 890-7613-19

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 05:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 02:01	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 02:01	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101859	02/03/25 22:46	CH	EET MID

Client Sample ID: V-4

Lab Sample ID: 890-7613-20

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101714	01/31/25 08:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101710	02/01/25 06:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 06:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 02:17	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 02:17	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101859	02/03/25 22:52	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-5

Lab Sample ID: 890-7613-21

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 22:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 22:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 02:30	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 02:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101859	02/03/25 22:58	CH	EET MID

Client Sample ID: V-5

Lab Sample ID: 890-7613-22

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 22:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 22:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 02:46	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 02:46	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101859	02/03/25 23:04	CH	EET MID

Client Sample ID: V-5

Lab Sample ID: 890-7613-23

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 23:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 23:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/10/25 22:45	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/10/25 22:45	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/03/25 23:22	CH	EET MID

Client Sample ID: V-5

Lab Sample ID: 890-7613-24

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 23:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 23:31	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-24

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			101994	02/04/25 03:16	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 03:16	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/03/25 23:28	CH	EET MID

Client Sample ID: V-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	01/31/25 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	01/31/25 23:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 03:30	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 03:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	101859	02/03/25 23:34	CH	EET MID

Client Sample ID: V-6

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 00:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/10/25 23:46	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/10/25 23:46	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/03/25 23:39	CH	EET MID

Client Sample ID: V-6

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-27

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			4.97 g	5 mL	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 00:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 00:07	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 00:07	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-6

Lab Sample ID: 890-7613-27

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/03/25 23:45	CH	EET MID

Client Sample ID: V-6

Lab Sample ID: 890-7613-28

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 00:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 00:28	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 00:28	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/03/25 23:51	CH	EET MID

Client Sample ID: V-6

Lab Sample ID: 890-7613-29

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 01:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 04:43	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 04:43	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 00:09	CH	EET MID

Client Sample ID: V-6

Lab Sample ID: 890-7613-30

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 01:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 04:59	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 04:59	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	102263	02/07/25 14:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102273	02/07/25 18:52	SMC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-7

Lab Sample ID: 890-7613-31

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 02:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 02:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 05:13	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 05:13	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 00:32	CH	EET MID

Client Sample ID: V-7

Lab Sample ID: 890-7613-32

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 03:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 03:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 00:48	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 00:48	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 00:38	CH	EET MID

Client Sample ID: V-7

Lab Sample ID: 890-7613-33

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 03:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 03:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 05:42	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 05:42	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 00:44	CH	EET MID

Client Sample ID: V-7

Lab Sample ID: 890-7613-34

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 03:50	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-7

Lab Sample ID: 890-7613-34

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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			101994	02/11/25 01:08	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 01:08	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 00:50	CH	EET MID

Client Sample ID: V-7

Lab Sample ID: 890-7613-35

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 04:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 04:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 06:11	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101685	01/30/25 20:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101850	02/04/25 06:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 00:56	CH	EET MID

Client Sample ID: V-8

Lab Sample ID: 890-7613-36

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 04:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 01:28	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 01:28	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 01:02	CH	EET MID

Client Sample ID: V-8

Lab Sample ID: 890-7613-37

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 04:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 04:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 01:49	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 01:49	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: V-8

Lab Sample ID: 890-7613-37

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	101778	01/31/25 15:53	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101859	02/04/25 01:08	CH	EET MID

Client Sample ID: V-8

Lab Sample ID: 890-7613-38

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 05:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 05:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 15:25	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	101686	01/30/25 20:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101956	02/04/25 15:25	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 03:19	CH	EET MID

Client Sample ID: V-8

Lab Sample ID: 890-7613-39

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 05:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 05:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 16:11	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	101686	01/30/25 20:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101956	02/04/25 16:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 03:26	CH	EET MID

Client Sample ID: V-8

Lab Sample ID: 890-7613-40

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101716	01/31/25 08:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101709	02/01/25 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 05:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 16:25	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101686	01/30/25 20:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101956	02/04/25 16:25	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 03:33	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-1

Lab Sample ID: 890-7613-41

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 05:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 05:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 02:10	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 02:10	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 03:41	CH	EET MID

Client Sample ID: H-2

Lab Sample ID: 890-7613-42

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 06:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 06:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 16:55	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101686	01/30/25 20:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101956	02/04/25 16:55	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 12:29	CH	EET MID

Client Sample ID: H-3

Lab Sample ID: 890-7613-43

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 06:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 06:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 17:10	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	101686	01/30/25 20:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101956	02/04/25 17:10	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 12:36	CH	EET MID

Client Sample ID: H-4

Lab Sample ID: 890-7613-44

Date Collected: 01/30/25 00:00

Matrix: Solid

Date Received: 01/30/25 14:39

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	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 06:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 06:43	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-4

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			101994	02/11/25 02:30	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 02:30	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 13:11	CH	EET MID

Client Sample ID: H-5

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-45

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	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 07:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 07:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 17:39	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	101686	01/30/25 20:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101956	02/04/25 17:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 13:19	CH	EET MID

Client Sample ID: H-6

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-46

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	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 07:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 07:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/04/25 17:54	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	101686	01/30/25 20:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	101956	02/04/25 17:54	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 13:26	CH	EET MID

Client Sample ID: H-7

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-47

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	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 07:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 07:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 03:11	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 03:11	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Client Sample ID: H-7

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 13:33	CH	EET MID

Client Sample ID: H-8

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-48

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 08:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 08:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 03:32	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 03:32	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 13:41	CH	EET MID

Client Sample ID: H-9

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-49

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 08:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 08:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 03:53	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 03:53	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 13:48	CH	EET MID

Client Sample ID: H-10

Date Collected: 01/30/25 00:00

Date Received: 01/30/25 14:39

Lab Sample ID: 890-7613-50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	101718	01/31/25 08:53	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	101712	02/01/25 08:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			101906	02/01/25 08:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			101994	02/11/25 04:13	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102371	02/10/25 10:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102353	02/11/25 04:13	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	101779	01/31/25 15:55	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	101856	02/04/25 13:56	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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

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Accreditation/Certification Summary

Client: NT Global
Project/Site: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

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: Wellspring Buffalo Trace Temp Booster

Job ID: 890-7613-1
SDG: 259634

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7613-1	V-1	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-2	V-1	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-3	V-1	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-4	V-1	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-5	V-1	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-6	V-2	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-7	V-2	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-8	V-2	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-9	V-2	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-10	V-2	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-11	V-3	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-12	V-3	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-13	V-3	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-14	V-3	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-15	V-3	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-16	V-4	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-17	V-4	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-18	V-4	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-19	V-4	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-20	V-4	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-21	V-5	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-22	V-5	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-23	V-5	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-24	V-5	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-25	V-5	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-26	V-6	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-27	V-6	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-28	V-6	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-29	V-6	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-30	V-6	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-31	V-7	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-32	V-7	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-33	V-7	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-34	V-7	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-35	V-7	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-36	V-8	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-37	V-8	Solid	01/30/25 00:00	01/30/25 14:39	1-1.5
890-7613-38	V-8	Solid	01/30/25 00:00	01/30/25 14:39	2-2.5
890-7613-39	V-8	Solid	01/30/25 00:00	01/30/25 14:39	3-3.5
890-7613-40	V-8	Solid	01/30/25 00:00	01/30/25 14:39	4-4.5
890-7613-41	H-1	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-42	H-2	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-43	H-3	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-44	H-4	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-45	H-5	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-46	H-6	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-47	H-7	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-48	H-8	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-49	H-9	Solid	01/30/25 00:00	01/30/25 14:39	0-6
890-7613-50	H-10	Solid	01/30/25 00:00	01/30/25 14:39	0-6



Chain of Custody

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX, 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntgglobal.com

Program: ☐ UST/PS ☐ PR ☐ Brownfield ☐ RF ☐ Superfund	
State of Project: ☐ Level I ☐ PST/UST ☐ TRF ☐ Let	
Reporting Level: ☐ Level I ☐ PST/UST ☐ TRF ☐ Let	Deliverables: EDD ☐ ADAPT ☐ Other: ☐



Page 1 of 5

Project Name:		Wellspring Buffalo Trace Temp		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	259634	☒ Routine	☐ Rush																	None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico	Due Date:		TAT starts the day received by the lab, if received by 4:30pm		Parameters														Cool: Cool	MeOH: Me
Sampler's Name:	Tyler Kimball																			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 ☐	Thermometer ID:		Correction Factor:																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading:		Corrected Temperature:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐																			Zn Acetate: NaOH: Zn	
Total Containers:	50																			NaOH+Ascorbic Acid: SAPC	
Sample Identification	FT (ygs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments	
V-1	0-6"	1/30/2025		X		Grab/	1	X	X	X	X										
V-1	1-1.5	1/30/2025		X		Grab/	1	X	X	X	X										
V-1	2-2.5	1/30/2025		X		Grab/	1	X	X	X	X										
V-1	3-3.5	1/30/2025		X		Grab/	1	X	X	X	X										
V-1	4-4.5	1/30/2025		X		Grab/	1	X	X	X	X										
V-2	0-6"	1/30/2025		X		Grab/	1	X	X	X	X										
V-2	1-1.5	1/30/2025		X		Grab/	1	X	X	X	X										
V-2	2-2.5	1/30/2025		X		Grab/	1	X	X	X	X										
V-2	3-3.5	1/30/2025		X		Grab/	1	X	X	X	X										
V-2	4-4.5	1/30/2025		X		Grab/	1	X	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. Tyler Kimball		1/30/2025 1:00			



Chain of Custody

Work Order No: _____

Page 2 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX, 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments					
Program:	UST/PS ☐	PR ☐	Brownfield ☐	RF ☐	Super ☐
State of Project:					
Reporting Level:	☐	Level I ☐	PST/US ☐	TRF ☐	Le ☐
Deliverables:	EDD ☐	Adapt ☐	Other: ☐		

Project Name:		Wellspring Buffalo Trace Temp		Turn-Around		ANALYSIS REQUEST												Preservative Codes		
Project Number:		Booster	259634	☒ Routine	☐ Rush	Pres. Code												None: NO	DI Water: H ₂ O	
Project Location	Eddy County, New Mexico			Due Date:														Cool: Cool	MeOH: Me	
Sampler's Name:	Tyler Kimball			TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN	
PO #																		H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes	No	Yes	No	Wet Ice:	Yes	No										HOLD	
Received In tact:		Yes	No	Thermometer ID:											NaH ₂ PO ₄ : HP					
Cooler Custody Seals:		Yes	No	Correction Factor:											NaHSO ₄ : NABIS					
Sample Custody Seals:		Yes	No	Temperature Repealing:											Na ₂ S ₂ O ₃ : NaSO ₃					
Total Containers:		50	Corrected Temperature:											Zn Acetate+NaOH: Zn						
															NaOH+Ascorbic Acid: SAPC					
Sample Identification	FT (lbs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
V-3	0-6"	1/30/2025		X		Grab/	1	X	X	X										
V-3	1-1.5	1/30/2025		X		Grab/	1	X	X	X										
V-3	2-2.5	1/30/2025		X		Grab/	1	X	X	X										
V-3	3-3.5	1/30/2025		X		Grab/	1	X	X	X										
V-3	4-4.5	1/30/2025		X		Grab/	1	X	X	X										
V-4	0-6"	1/30/2025		X		Grab/	1	X	X	X										
V-4	1-1.5	1/30/2025		X		Grab/	1	X	X	X										
V-4	2-2.5	1/30/2025		X		Grab/	1	X	X	X										
V-4	3-3.5	1/30/2025		X		Grab/	1	X	X	X										
V-4	4-4.5	1/30/2025		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 Xenico, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenico 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 those losses are due to circumstances beyond the control of Xenico. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenico, 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. Tyler Kimball	<i>Tyler Kimball</i>	11/15/2012			
5					



Chain of Custody

Work Order No: _____

Page 3 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX, 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntgglobal.com

Work Order Comments	
Program: UST/PS	PR
State of Project:	Brownfield
Reporting Level:	Level I
Deliverables:	EDD
	ADAPT
	Other:

Project Name:		Wellspring Buffalo Trace Temp				Turn Around				ANALYSIS REQUEST												Preservative Codes											
Project Number:		Booster 259634				☒ Routine ☐ Rush		Pres. Code														None: NO DI Water: H ₂ O											
Project Location:		Eddy County, New Mexico				Due Date:																Cool: Cool MeOH: Me											
Sampler's Name:		Tyler Kimball				TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN											
PO #:																						H ₂ SO ₄ : H ₂ NaOH: Na											
SAMPLE RECEIPT		Temp Blank:		Yes No		Yes No		Wet Ice:		Yes No																							
Received In tact:		Yes No				Thermometer ID:																											
Cooler Custody Seals:		Yes No		N/A		Correction Factor:																											
Sample Custody Seals:		Yes No		N/A		Temperature Reading:																											
Total Containers:		50				Corrected Temperature:																											
Sample Identification		FT (lbs)		Date		Time		Soil		Water		Grab/ Comp		# of Cont														Sample Comments					
V-5		0-6"		1/30/2025				X				Grab/		1		X X X																	
V-5		1-1.5		1/30/2025				X				Grab/		1		X X X																	
V-5		2-2.5		1/30/2025				X				Grab/		1		X X X																	
V-5		3-3.5		1/30/2025				X				Grab/		1		X X X																	
V-5		4-4.5		1/30/2025				X				Grab/		1		X X X																	
V-6		0-6"		1/30/2025				X				Grab/		1		X X X																	
V-6		1-1.5		1/30/2025				X				Grab/		1		X X X																	
V-6		2-2.5		1/30/2025				X				Grab/		1		X X X																	
V-6		3-3.5		1/30/2025				X				Grab/		1		X X X																	
V-6		4-4.5		1/30/2025				X				Grab/		1		X X X																	
																														BTEX 8021B			
																														TPH 8015M (GRO + DRO + MRO)			
																														Chloride 4500			
																														HOLD			
																														Zn Acetate+NaOH: Zn			
																														NaOH+Ascorbic Acid: SAPC			

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. Tyler Kimball	<i>cdub</i>	11-35-2025			
5					
6					



Chain of Custody

Work Order No: _____

Page 4 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX, 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntgglobal.com

Work Order Comments					
Program:	UST/PS ☐	PR ☐	Brownfield ☐	RF ☐	Super ☐
State of Project:					
Reporting Level:	☐	Level II ☐	PST/US ☐	TRF ☐	Le ☐
Deliverables:	EDD ☐	Adapt ☐	Other: ☐		

[illegible]

Sample Identification	FT (lbs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH											Sample Comments
V-7	0-6"	1/30/2025		X		Grab/	1	X	X	X									
V-7	1-1.5	1/30/2025		X		Grab/	1	X	X	X									
V-7	2-2.5	1/30/2025		X		Grab/	1	X	X	X									
V-7	3-3.5	1/30/2025		X		Grab/	1	X	X	X									
V-7	4-4.5	1/30/2025		X		Grab/	1	X	X	X									
V-8	0-6"	1/30/2025		X		Grab/	1	X	X	X									
V-8	1-1.5	1/30/2025		X		Grab/	1	X	X	X									
V-8	2-2.5	1/30/2025		X		Grab/	1	X	X	X									
V-8	3-3.5	1/30/2025		X		Grab/	1	X	X	X									
V-8	4-4.5	1/30/2025		X		Grab/	1	X	X	X									

Additional Comments:

Notice: Signature of this document relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xencio. A minimum charge of \$85.00 will be applied to each project and a charge of \$3 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Tyler Kimball	<i>Tyler Kimball</i>	12/15/19			
2					
3					
4					
5					
6					



Chain of Custody

Work Order No: _____

Page 5 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX, 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntgglobal.com

Work Order Comments			
Program: UST/PS	PR	Brownfield	RF
State of Project:			
Reporting Level	Level I	PST/US	TRF
Deliverables: EDD	ADAPT	Other:	

Project Name:	Wellspring Buffalo Trace Temp	Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:	259634	☒ Routine ☐ Rush	Pres. Code													None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico	Due Date:														Cool: Cool	MeOH: Me		
Sample's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No											HOLD			
Received In tact:	Yes No	Thermometer ID:														H ₃ PO ₄ : HP			
Cooler Custody Seals:	Yes No	Correction Factor:														NaHSO ₄ : NABIS			
Sample Custody Seals:	Yes No	Temperature Reading:														Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:	50	Corrected Temperature:														Zn Acetate+NaOH: Zn			
																NaOH+Ascorbic Acid: SAPC			
Sample Identification	FT (lbs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
H-1	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-2	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-3	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-4	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-5	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-6	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-7	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-8	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-9	0-6"	1/30/2025		X		Grab/	1	X	X	X	X								
H-10	0-6"	1/30/2025		X		Grab/	1	X	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. Tyler Kimball	<i>cdh</i>	1/30/2025			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7613-1

SDG Number: 259634

Login Number: 7613

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: 890-7613-1
SDG Number: 259634

Login Number: 7613
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 01/30/25 09:07 PM

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 3/31/2025 1:14:18 PM

JOB DESCRIPTION

WELLSPRING BUFFALO TRACE TEMP BOOSTER
259634

JOB NUMBER

890-7839-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
3/31/2025 1:14:18 PM

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

Client: NT Global
Project/Site: WELLSPRING BUFFALO TRACE TEMP BOOSTER

Laboratory Job ID: 890-7839-1
SDG: 259634

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Definitions/Glossary

Client: NT Global
Project/Site: WELLSPRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project: WELLSPRING BUFFALO TRACE TEMP BOOSTER

Job ID: 890-7839-1

Job ID: 890-7839-1

Eurofins Carlsbad

Job Narrative 890-7839-1

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

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

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

Receipt

The samples were received on 3/24/2025 8:24 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: V - 1 (890-7839-1), V - 1 (890-7839-2), V - 4 (890-7839-3), V - 4 (890-7839-4), V - 4 (890-7839-5), V - 5 (890-7839-6), V - 5 (890-7839-7) and V - 6 (890-7839-8).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-105990 and analytical batch 880-106085 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-7838-A-1-D MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Client Sample ID: V - 1

Lab Sample ID: 890-7839-1

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 5-5.5'

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		03/25/25 13:08	03/26/25 14:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 14:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 14:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/25/25 13:08	03/26/25 14:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 14:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/25/25 13:08	03/26/25 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/25/25 13:08	03/26/25 14:53	1
1,4-Difluorobenzene (Surr)	86		70 - 130				03/25/25 13:08	03/26/25 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/26/25 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			03/29/25 04:25	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	<49.6	U	49.6		mg/Kg		03/24/25 16:29	03/29/25 04:25	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		03/24/25 16:29	03/29/25 04:25	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		03/24/25 16:29	03/29/25 04:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/24/25 16:29	03/29/25 04:25	1
o-Terphenyl	110		70 - 130				03/24/25 16:29	03/29/25 04:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	563		9.92		mg/Kg			03/26/25 16:45	1

Client Sample ID: V - 1

Lab Sample ID: 890-7839-2

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 6-6.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 17:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 17:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 17:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/25/25 13:08	03/26/25 17:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 17:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/25/25 13:08	03/26/25 17:21	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
 Project/Site: WELLSRING BUFFALO TRACE TEMP
 BOOSTER

Job ID: 890-7839-1
 SDG: 259634

Client Sample ID: V - 1

Lab Sample ID: 890-7839-2

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 6-6.5'

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				03/25/25 13:08	03/26/25 17:21	1
1,4-Difluorobenzene (Surr)	89		70 - 130				03/25/25 13:08	03/26/25 17:21	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/25 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	<49.7	U	49.7		mg/Kg			03/29/25 04:41	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 04:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 04:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				03/24/25 16:29	03/29/25 04:41	1
o-Terphenyl	106		70 - 130				03/24/25 16:29	03/29/25 04:41	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		10.0		mg/Kg			03/26/25 16:52	1

Client Sample ID: V - 4

Lab Sample ID: 890-7839-3

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 5-5.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 17:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 17:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 17:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/25/25 13:08	03/26/25 17:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 17:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/25/25 13:08	03/26/25 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/25/25 13:08	03/26/25 17:42	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/25/25 13:08	03/26/25 17:42	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/26/25 17:42	1

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Client Sample Results

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Client Sample ID: V - 4

Lab Sample ID: 890-7839-3

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 5-5.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/29/25 04:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 04:57	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 04:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/24/25 16:29	03/29/25 04:57	1
o-Terphenyl	109		70 - 130				03/24/25 16:29	03/29/25 04:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3150		50.1		mg/Kg			03/26/25 17:14	5

Client Sample ID: V - 4

Lab Sample ID: 890-7839-4

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 6-6.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 18:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 18:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 18:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/25/25 13:08	03/26/25 18:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/25/25 13:08	03/26/25 18:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/25/25 13:08	03/26/25 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				03/25/25 13:08	03/26/25 18:02	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/25/25 13:08	03/26/25 18:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/25 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 05:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/25 16:29	03/29/25 05:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/25 16:29	03/29/25 05:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/25 16:29	03/29/25 05:13	1

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Client Sample Results

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Client Sample ID: V - 4

Lab Sample ID: 890-7839-4

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 6-6.5'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	03/24/25 16:29	03/29/25 05:13	1
o-Terphenyl	107		70 - 130	03/24/25 16:29	03/29/25 05:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3770		49.7		mg/Kg			03/26/25 17:22	5

Client Sample ID: V - 4

Lab Sample ID: 890-7839-5

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 7-7.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 18:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 18:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 18:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/25/25 13:08	03/26/25 18:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 18:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/25/25 13:08	03/26/25 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/25/25 13:08	03/26/25 18:23	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/25/25 13:08	03/26/25 18:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/25 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	<49.7	U	49.7		mg/Kg			03/29/25 05:46	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	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 05:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 05:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	03/24/25 16:29	03/29/25 05:46	1
o-Terphenyl	114		70 - 130	03/24/25 16:29	03/29/25 05:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4170		49.9		mg/Kg			03/26/25 17:44	5

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Client Sample Results

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Client Sample ID: V - 5

Lab Sample ID: 890-7839-6

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 5-5.5'

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		03/25/25 13:08	03/26/25 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 18:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/25/25 13:08	03/26/25 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 18:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/25/25 13:08	03/26/25 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				03/25/25 13:08	03/26/25 18:43	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/25/25 13:08	03/26/25 18:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/26/25 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/29/25 06:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 06:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 06:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/24/25 16:29	03/29/25 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				03/24/25 16:29	03/29/25 06:02	1
o-Terphenyl	106		70 - 130				03/24/25 16:29	03/29/25 06:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	211		10.0		mg/Kg			03/26/25 17:51	1

Client Sample ID: V - 5

Lab Sample ID: 890-7839-7

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 6-6.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 19:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 19:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 19:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/25/25 13:08	03/26/25 19:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 19:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/25/25 13:08	03/26/25 19:04	1

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Client Sample Results

Client: NT Global

Job ID: 890-7839-1

Project/Site: WELLSRING BUFFALO TRACE TEMP

SDG: 259634

BOOSTER

Client Sample ID: V - 5

Lab Sample ID: 890-7839-7

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 6-6.5'

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/25/25 13:08	03/26/25 19:04	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/25/25 13:08	03/26/25 19:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/25 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	<49.8	U	49.8		mg/Kg			03/29/25 06:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/24/25 16:29	03/29/25 06:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/24/25 16:29	03/29/25 06:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/24/25 16:29	03/29/25 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				03/24/25 16:29	03/29/25 06:18	1
o-Terphenyl	113		70 - 130				03/24/25 16:29	03/29/25 06:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		9.94		mg/Kg			03/26/25 17:59	1

Client Sample ID: V - 6

Lab Sample ID: 890-7839-8

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 5-5.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 19:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 19:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 19:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/25/25 13:08	03/26/25 19:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/25/25 13:08	03/26/25 19:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/25/25 13:08	03/26/25 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/25/25 13:08	03/26/25 19:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/25/25 13:08	03/26/25 19:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/26/25 19:24	1

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Client Sample Results

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Client Sample ID: V - 6

Lab Sample ID: 890-7839-8

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Sample Depth: 5-5.5'

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			03/29/25 06:34	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		03/24/25 16:29	03/29/25 06:34	1	
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		03/24/25 16:29	03/29/25 06:34	1	
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		03/24/25 16:29	03/29/25 06:34	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	105		70 - 130				03/24/25 16:29	03/29/25 06:34	1	
o-Terphenyl	99		70 - 130				03/24/25 16:29	03/29/25 06:34	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	206		9.92		mg/Kg			03/26/25 18:06	1	

Surrogate Summary

Client: NT Global
 Project/Site: WELLSRING BUFFALO TRACE TEMP
 BOOSTER

Job ID: 890-7839-1
 SDG: 259634

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-55984-A-1-A MS	Matrix Spike	100	91
880-55984-A-1-B MSD	Matrix Spike Duplicate	100	92
890-7839-1	V - 1	103	86
890-7839-2	V - 1	99	89
890-7839-3	V - 4	103	93
890-7839-4	V - 4	101	92
890-7839-5	V - 4	102	90
890-7839-6	V - 5	100	93
890-7839-7	V - 5	103	93
890-7839-8	V - 6	105	96
LCS 880-105990/1-A	Lab Control Sample	130	95
LCSD 880-105990/2-A	Lab Control Sample Dup	118	86
MB 880-105990/5-A	Method Blank	92	90
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7838-A-1-C MS	Matrix Spike	123	120
890-7838-A-1-D MSD	Matrix Spike Duplicate	131 S1+	121
890-7839-1	V - 1	112	110
890-7839-2	V - 1	108	106
890-7839-3	V - 4	107	109
890-7839-4	V - 4	105	107
890-7839-5	V - 4	114	114
890-7839-6	V - 5	103	106
890-7839-7	V - 5	111	113
890-7839-8	V - 6	105	99
LCS 880-105926/2-A	Lab Control Sample	105	114
LCSD 880-105926/3-A	Lab Control Sample Dup	110	122
MB 880-105926/1-A	Method Blank	101	100
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: NT Global

Job ID: 890-7839-1

Project/Site: WELLSPRING BUFFALO TRACE TEMP

SDG: 259634

BOOSTER

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-105990/5-A

Matrix: Solid

Analysis Batch: 106085

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 105990

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 11:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 11:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 11:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/25/25 13:08	03/26/25 11:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/25/25 13:08	03/26/25 11:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/25/25 13:08	03/26/25 11:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				03/25/25 13:08	03/26/25 11:27	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/25/25 13:08	03/26/25 11:27	1

Lab Sample ID: LCS 880-105990/1-A

Matrix: Solid

Analysis Batch: 106085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 105990

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1071		mg/Kg		107	70 - 130
Toluene	0.100	0.1057		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1082		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2505		mg/Kg		125	70 - 130
o-Xylene	0.100	0.1195		mg/Kg		119	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	130		70 - 130				
1,4-Difluorobenzene (Surr)	95		70 - 130				

Lab Sample ID: LCSD 880-105990/2-A

Matrix: Solid

Analysis Batch: 106085

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 105990

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09767		mg/Kg		98	70 - 130	9	35
Toluene	0.100	0.1046		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.1138		mg/Kg		114	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2265		mg/Kg		113	70 - 130	10	35
o-Xylene	0.100	0.1089		mg/Kg		109	70 - 130	9	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	118		70 - 130						
1,4-Difluorobenzene (Surr)	86		70 - 130						

Lab Sample ID: 880-55984-A-1-A MS

Matrix: Solid

Analysis Batch: 106085

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 105990

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.08997		mg/Kg		90	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

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

Lab Sample ID: 880-55984-A-1-A MS

Matrix: Solid

Analysis Batch: 106085

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 105990

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.00205		0.100	0.07676		mg/Kg		75	70 - 130
Ethylbenzene	<0.00202	U F1	0.100	0.06025	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.1206	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00202	U F1	0.100	0.05871	F1	mg/Kg		59	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		70 - 130						
1,4-Difluorobenzene (Surr)	91		70 - 130						

Lab Sample ID: 880-55984-A-1-B MSD

Matrix: Solid

Analysis Batch: 106085

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 105990

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	0.09140		mg/Kg		91	70 - 130	2	35
Toluene	0.00205		0.100	0.07827		mg/Kg		76	70 - 130	2	35
Ethylbenzene	<0.00202	U F1	0.100	0.06331	F1	mg/Kg		62	70 - 130	5	35
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.1250	F1	mg/Kg		61	70 - 130	4	35
o-Xylene	<0.00202	U F1	0.100	0.06095	F1	mg/Kg		61	70 - 130	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	92		70 - 130								

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

Lab Sample ID: MB 880-105926/1-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 105926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/25 16:29	03/29/25 01:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/25 16:29	03/29/25 01:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/25 16:29	03/29/25 01:24	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				03/24/25 16:29	03/29/25 01:24	1
o-Terphenyl	100		70 - 130				03/24/25 16:29	03/29/25 01:24	1

Lab Sample ID: LCS 880-105926/2-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 105926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	968.8		mg/Kg		97	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

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

Lab Sample ID: LCS 880-105926/2-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 105926

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	1030		mg/Kg		103	70 - 130		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	114		70 - 130								

Lab Sample ID: LCSD 880-105926/3-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 105926

[illegible]

Lab Sample ID: 890-7838-A-1-C MS

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 105926

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	848.9		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	999	908.7		mg/Kg		91	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	123		70 - 130								
o-Terphenyl	120		70 - 130								

Lab Sample ID: 890-7838-A-1-D MSD

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 105926

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	922.6		mg/Kg		92	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	943.5		mg/Kg		94	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	131	S1+	70 - 130								
o-Terphenyl	121		70 - 130								

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QC Sample Results

Client: NT Global

Job ID: 890-7839-1

Project/Site: WELLSRING BUFFALO TRACE TEMP

SDG: 259634

BOOSTER

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-105999/1-A

Matrix: Solid

Analysis Batch: 106027

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/26/25 14:46	1

Lab Sample ID: LCS 880-105999/2-A

Matrix: Solid

Analysis Batch: 106027

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.3		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-105999/3-A

Matrix: Solid

Analysis Batch: 106027

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.9		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-7839-2 MS

Matrix: Solid

Analysis Batch: 106027

Client Sample ID: V - 1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	161		251	412.0		mg/Kg		100	90 - 110

Lab Sample ID: 890-7839-2 MSD

Matrix: Solid

Analysis Batch: 106027

Client Sample ID: V - 1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	161		251	410.5		mg/Kg		99	90 - 110	0	20

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QC Association Summary

Client: NT Global

Job ID: 890-7839-1

Project/Site: WELLSRING BUFFALO TRACE TEMP

SDG: 259634

BOOSTER

GC VOA

Prep Batch: 105990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Total/NA	Solid	5035	
890-7839-2	V - 1	Total/NA	Solid	5035	
890-7839-3	V - 4	Total/NA	Solid	5035	
890-7839-4	V - 4	Total/NA	Solid	5035	
890-7839-5	V - 4	Total/NA	Solid	5035	
890-7839-6	V - 5	Total/NA	Solid	5035	
890-7839-7	V - 5	Total/NA	Solid	5035	
890-7839-8	V - 6	Total/NA	Solid	5035	
MB 880-105990/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-105990/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-105990/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-55984-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-55984-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Total/NA	Solid	8021B	105990
890-7839-2	V - 1	Total/NA	Solid	8021B	105990
890-7839-3	V - 4	Total/NA	Solid	8021B	105990
890-7839-4	V - 4	Total/NA	Solid	8021B	105990
890-7839-5	V - 4	Total/NA	Solid	8021B	105990
890-7839-6	V - 5	Total/NA	Solid	8021B	105990
890-7839-7	V - 5	Total/NA	Solid	8021B	105990
890-7839-8	V - 6	Total/NA	Solid	8021B	105990
MB 880-105990/5-A	Method Blank	Total/NA	Solid	8021B	105990
LCS 880-105990/1-A	Lab Control Sample	Total/NA	Solid	8021B	105990
LCSD 880-105990/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	105990
880-55984-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	105990
880-55984-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	105990

Analysis Batch: 106222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Total/NA	Solid	Total BTEX	
890-7839-2	V - 1	Total/NA	Solid	Total BTEX	
890-7839-3	V - 4	Total/NA	Solid	Total BTEX	
890-7839-4	V - 4	Total/NA	Solid	Total BTEX	
890-7839-5	V - 4	Total/NA	Solid	Total BTEX	
890-7839-6	V - 5	Total/NA	Solid	Total BTEX	
890-7839-7	V - 5	Total/NA	Solid	Total BTEX	
890-7839-8	V - 6	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 105926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Total/NA	Solid	8015NM Prep	
890-7839-2	V - 1	Total/NA	Solid	8015NM Prep	
890-7839-3	V - 4	Total/NA	Solid	8015NM Prep	
890-7839-4	V - 4	Total/NA	Solid	8015NM Prep	
890-7839-5	V - 4	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global

Job ID: 890-7839-1

Project/Site: WELLSRING BUFFALO TRACE TEMP

SDG: 259634

BOOSTER

GC Semi VOA (Continued)

Prep Batch: 105926 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-6	V - 5	Total/NA	Solid	8015NM Prep	
890-7839-7	V - 5	Total/NA	Solid	8015NM Prep	
890-7839-8	V - 6	Total/NA	Solid	8015NM Prep	
MB 880-105926/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-105926/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-105926/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7838-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7838-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Total/NA	Solid	8015B NM	105926
890-7839-2	V - 1	Total/NA	Solid	8015B NM	105926
890-7839-3	V - 4	Total/NA	Solid	8015B NM	105926
890-7839-4	V - 4	Total/NA	Solid	8015B NM	105926
890-7839-5	V - 4	Total/NA	Solid	8015B NM	105926
890-7839-6	V - 5	Total/NA	Solid	8015B NM	105926
890-7839-7	V - 5	Total/NA	Solid	8015B NM	105926
890-7839-8	V - 6	Total/NA	Solid	8015B NM	105926
MB 880-105926/1-A	Method Blank	Total/NA	Solid	8015B NM	105926
LCS 880-105926/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	105926
LCSD 880-105926/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	105926
890-7838-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	105926
890-7838-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	105926

Analysis Batch: 106518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Total/NA	Solid	8015 NM	
890-7839-2	V - 1	Total/NA	Solid	8015 NM	
890-7839-3	V - 4	Total/NA	Solid	8015 NM	
890-7839-4	V - 4	Total/NA	Solid	8015 NM	
890-7839-5	V - 4	Total/NA	Solid	8015 NM	
890-7839-6	V - 5	Total/NA	Solid	8015 NM	
890-7839-7	V - 5	Total/NA	Solid	8015 NM	
890-7839-8	V - 6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 105999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Soluble	Solid	DI Leach	
890-7839-2	V - 1	Soluble	Solid	DI Leach	
890-7839-3	V - 4	Soluble	Solid	DI Leach	
890-7839-4	V - 4	Soluble	Solid	DI Leach	
890-7839-5	V - 4	Soluble	Solid	DI Leach	
890-7839-6	V - 5	Soluble	Solid	DI Leach	
890-7839-7	V - 5	Soluble	Solid	DI Leach	
890-7839-8	V - 6	Soluble	Solid	DI Leach	
MB 880-105999/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-105999/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global

Project/Site: WELLSPRING BUFFALO TRACE TEMP BOOSTER

Job ID: 890-7839-1
SDG: 259634

HPLC/IC (Continued)

Leach Batch: 105999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-105999/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7839-2 MS	V - 1	Soluble	Solid	DI Leach	
890-7839-2 MSD	V - 1	Soluble	Solid	DI Leach	

Analysis Batch: 106027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7839-1	V - 1	Soluble	Solid	300.0	105999
890-7839-2	V - 1	Soluble	Solid	300.0	105999
890-7839-3	V - 4	Soluble	Solid	300.0	105999
890-7839-4	V - 4	Soluble	Solid	300.0	105999
890-7839-5	V - 4	Soluble	Solid	300.0	105999
890-7839-6	V - 5	Soluble	Solid	300.0	105999
890-7839-7	V - 5	Soluble	Solid	300.0	105999
890-7839-8	V - 6	Soluble	Solid	300.0	105999
MB 880-105999/1-A	Method Blank	Soluble	Solid	300.0	105999
LCS 880-105999/2-A	Lab Control Sample	Soluble	Solid	300.0	105999
LCSD 880-105999/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	105999
890-7839-2 MS	V - 1	Soluble	Solid	300.0	105999
890-7839-2 MSD	V - 1	Soluble	Solid	300.0	105999

Lab Chronicle

Client: NT Global

Job ID: 890-7839-1

Project/Site: WELLSRING BUFFALO TRACE TEMP

SDG: 259634

BOOSTER

Client Sample ID: V - 1

Lab Sample ID: 890-7839-1

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 14:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 04:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 04:25	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106027	03/26/25 16:45	CH	EET MID

Client Sample ID: V - 1

Lab Sample ID: 890-7839-2

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

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	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 17:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 04:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 04:41	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106027	03/26/25 16:52	CH	EET MID

Client Sample ID: V - 4

Lab Sample ID: 890-7839-3

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 17:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 04:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 04:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	106027	03/26/25 17:14	CH	EET MID

Client Sample ID: V - 4

Lab Sample ID: 890-7839-4

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

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	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 18:02	MNR	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: WELLSPRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Client Sample ID: V - 4

Lab Sample ID: 890-7839-4

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 18:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 05:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 05:13	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	106027	03/26/25 17:22	CH	EET MID

Client Sample ID: V - 4

Lab Sample ID: 890-7839-5

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

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	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 18:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 05:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 05:46	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	106027	03/26/25 17:44	CH	EET MID

Client Sample ID: V - 5

Lab Sample ID: 890-7839-6

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 18:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 06:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 06:02	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106027	03/26/25 17:51	CH	EET MID

Client Sample ID: V - 5

Lab Sample ID: 890-7839-7

Date Collected: 03/21/25 00:00

Matrix: Solid

Date Received: 03/24/25 08:24

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	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 19:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 06:18	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Client Sample ID: V - 5
Date Collected: 03/21/25 00:00
Date Received: 03/24/25 08:24

Lab Sample ID: 890-7839-7
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	8015NM Prep			10.04 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 06:18	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106027	03/26/25 17:59	CH	EET MID

Client Sample ID: V - 6
Date Collected: 03/21/25 00:00
Date Received: 03/24/25 08:24

Lab Sample ID: 890-7839-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	105990	03/25/25 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106085	03/26/25 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106222	03/26/25 19:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106518	03/29/25 06:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	105926	03/24/25 16:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/29/25 06:34	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	105999	03/25/25 14:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106027	03/26/25 18:06	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: WELLSPRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

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: WELLSPRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

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: WELLSRING BUFFALO TRACE TEMP
BOOSTER

Job ID: 890-7839-1
SDG: 259634

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7839-1	V - 1	Solid	03/21/25 00:00	03/24/25 08:24	5-5.5'
890-7839-2	V - 1	Solid	03/21/25 00:00	03/24/25 08:24	6-6.5'
890-7839-3	V - 4	Solid	03/21/25 00:00	03/24/25 08:24	5-5.5'
890-7839-4	V - 4	Solid	03/21/25 00:00	03/24/25 08:24	6-6.5'
890-7839-5	V - 4	Solid	03/21/25 00:00	03/24/25 08:24	7-7.5'
890-7839-6	V - 5	Solid	03/21/25 00:00	03/24/25 08:24	5-5.5'
890-7839-7	V - 5	Solid	03/21/25 00:00	03/24/25 08:24	6-6.5'
890-7839-8	V - 6	Solid	03/21/25 00:00	03/24/25 08:24	5-5.5'



Chain of Custody

Work Order No: _____

3/31/2025

Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX 79707	City, State ZIP:	
Phone:		Email:	

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

Project Name:		Wellspring Buffalo Trace Temp Booster		Turn Around				ANALYSIS REQUEST										Preservative Codes									
Project Number:		259634		☒ Routine ☐ Rush		Pres. Code												None: NO DI Water: H ₂ O									
Project Location		Eddy 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 ☐		Parameters												H ₃ PO ₄ : HP							
Received Intact:		Yes ☒ No ☐		Thermometer ID:		TW007		BTEX 8021B												NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:		-0.2		TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		-5.8		Chloride 4500												Zn Acetate+NaOH: Zn							
Total Containers:		8		Corrected Temperature:		-5.6														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
V-1		5-5.5'		3/21				X				Grab		1		X X X											
V-1		6-6.5'		3/21				X				Grab		1		X X X											
V-4		5-5.5'		3/21				X				Grab		1		X X X											
V-4		6-6.5'		3/21				X				Grab		1		X X X											
V-4		7-7.5'		3/21				X				Grab		1		X X X											
V-5		5-5.5'		3/21				X				Grab		1		X X X											
V-5		6-6.5'		3/21				X				Grab		1		X X X											
V-6		5-5.5'		3/21				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	2	3/24 8:24	4		
5			6		

Eurofins Carlsbad

1089 N Canal St.

Carlsbad, NM 88220

Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

3/31/2025

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Kramer, Jessica		Carrier Tracking No(s): N/A		COC No: 890-4767.1																					
Client Contact: Shipping/Receiving		Phone: N/A		E-Mail: Jessica.Kramer@et.eurofinsus.com		State of Origin: Texas		Page: Page 1 of 1																					
Company: Eurofins Environment Testing South Centr				Accreditations Required (See note): NELAP - Texas				Job #: 890-7839-1																					
Address: 1211 W. Florida Ave,		Due Date Requested: 3/28/2025		Analysis Requested						Preservation Codes: -																			
City: Midland		TAT Requested (days): N/A																											
State, Zip: TX, 79701		PO #: N/A		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/6035FP_Calc BTEX 8015MOD_Calc Total_BTEX_GCV		Total Number of containers		Other: N/A																					
Phone: 432-704-5440(Tel)		WO #: N/A																											
Email: N/A		Project #: 88000222		Special Instructions/Note:																									
Project Name: WELLSPRING BUFFALO TRACE TEMP BOOSTER		SSOW#: N/A																											
Site: N/A																													
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)																								
				Preservation Code:																									
V - 1 (890-7839-1)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
V - 1 (890-7839-2)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
V - 4 (890-7839-3)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
V - 4 (890-7839-4)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
V - 4 (890-7839-5)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
V - 5 (890-7839-6)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
V - 5 (890-7839-7)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
V - 6 (890-7839-8)		3/21/25	Central	G	Solid		X	X	X	X	X							1											
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.																													
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
Unconfirmed										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																			
Deliverable Requested: I, II, III, IV, Other (specify)										Primary Deliverable Rank: 2																			
										Special Instructions/QC Requirements:																			
Empty Kit Relinquished by:										Date:		Time:		Method of Shipment:															
Relinquished by:										Date/Time:		Company		Received by: <i>Leddy Randoles</i>		Date/Time: 3/25/25 0800		Company											
Relinquished by:										Date/Time:		Company		Received by:		Date/Time:		Company											
Relinquished by:										Date/Time:		Company		Received by:		Date/Time:		Company											
Custody Seals Intact: Δ Yes Δ No										Custody Seal No.:										Cooler Temperature(s) °C and Other Remarks:									

Ver: 10/10/2024

Page 28 of 30

Released to Imaging: 5/13/2025 9:56:18 AM

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7839-1

SDG Number: 259634

Login Number: 7839

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: 890-7839-1

SDG Number: 259634

Login Number: 7839

List Number: 2

Creator: Lee, Randell

List Source: Eurofins Midland

List Creation: 03/25/25 07:56 AM

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.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 454262

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 454262
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2430455406
Incident Name	NAPP2430455406 WELLSPRING BUFFALO TRACE TEMP BOOSTER @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Wellspring Buffalo Trace Temp Booster
Date Release Discovered	10/15/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 78 BBL Recovered: 20 BBL Lost: 58 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 454262

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 454262
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 10/30/2024
--	---

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 454262

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 454262
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Zero feet, overlying, or within area
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	High
A 100-year floodplain	Between ½ and 1 (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)	5160
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	50
GRO+DRO (EPA SW-846 Method 8015M)	50
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	05/15/2025
On what date will (or did) the final sampling or liner inspection occur	05/15/2025
On what date will (or was) the remediation complete(d)	05/30/2025
What is the estimated surface area (in square feet) that will be reclaimed	19277
What is the estimated volume (in cubic yards) that will be reclaimed	3043
What is the estimated surface area (in square feet) that will be remediated	20171
What is the estimated volume (in cubic yards) that will be remediated	3937
<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>	

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 454262

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 454262
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
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	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	Milestone - Orla
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 04/22/2025
<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 454262

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 454262
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 454262

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 454262
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 454262

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 454262
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	The remediation plan is approved as written. Mewbourne has 90-days (August 11, 2025) to submit to OCD its appropriate or final remediation closure report.	5/13/2025