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March 19, 2025

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

Re: Site Characterization and Remediation Closure Request
Pilot Water Solution
Basilisk State Com 1H
Unit N, Section 36, Township 24S, Range 32E
Site Coordinates: 32.167756, -103.63032
Lea County, New Mexico
Incident ID: nAPP2221554238

Introduction

On behalf of Pilot Water Solutions (Pilot), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Closure Request for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the release number: nAPP2221554238 – Basilisk State Com 1H (Site). The Site is in Unit Letter N, Section 36, of Township 24 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.167756° N latitude and 103.63032° 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.

Background

Based on the Release Notification C-141 Form, the release was discovered on August 3, 2022, and was due to corrosion of a pipeline. Upon discovery, the Site was shut-in and repairs ensued. The release was of an unknown quantity of produced water with none being recovered. The release area is shown on Figure 3.

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Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there are no known water sources within a ½-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	Unknown

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

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

Initial Soil Delineation Assessment Summary and Findings

On October 7, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Five (5) vertical sample points (S-1 through S-5) were installed within the release area and six (6) horizontal sample points (H-1 through H-6) were installed outside the release area in order to vertically and horizontally characterize the impacts. Soil samples were collected at half to one (1) foot (ft) intervals from depths ranging from zero (0) to four and a half (4.5) ft below ground surface (bgs) with a geotechnical hand auger. The auger was decontaminated with Alconox® and deionized water between sample points to prevent cross contamination. Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Eurofins Laboratories in Carlsbad, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (Method SW846 8021B), total petroleum hydrocarbon (TPH) (Method SW846 8015B), and chloride (method EPA 300.0). Analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits at various depths in the areas of S-1 to a depth of three and a half (3.5) ft bgs, S-2 to a depth of two and a half (2.5) ft bgs, S-4 to one and a half (1.5) ft bgs, and H-2 to a depth of half (0.5) a foot below ground surface.

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On October 31, 2024, NTGE conducted additional delineation activities in the area of H-2 to assess the horizontal extent of impacts that were identified during the initial assessment on October 7, 2024. One (1) horizontal delineation sample point (H-2A) was collected outside the impacted spill perimeter to characterize the extent of horizontal impact. The soil sample was collected in half foot (0.5) intervals from depths ranging from zero (0) to a half foot (0.5) bgs. Analytical results indicated that H-2A exhibited TPH and chloride concentrations below NMOCD regulatory criteria, and horizontal delineation was achieved.

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

Remedial Action Activities and Confirmation Sampling

After receiving and evaluating the soil boring data Pilot contracted a contractor to excavate the area of S-1 to a depth of four and a half (4.5) ft bgs, S-2, S-4, and H-2 to a depth of two and a half (2.5) ft bgs, to ensure that the impacted soil was removed from the Site.

On February 13, 2025, NTGE was on site to collect a total of seventeen (17) base composite confirmation samples (CS-1 through CS-17) and eleven (11) sidewall composite confirmation samples. Each represented an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Eurofins Laboratories in Carlsbad, New Mexico for analysis of BTEX, TPH, and chloride. All samples sent for analysis were below NMOCD regulatory criteria for the site.

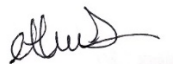
Analytical results are included in Table 2, while confirmation sampling locations are shown on Figure 4, The laboratory reports containing analytical methods and chain-of-custody documents are attached to the end of the report.

Closure Request

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

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

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Mr. Mike Bratcher
March 19, 2025
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Attachments:

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

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TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Basilisk State Com 1H
Pilot Water Solutions
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Delineation Samples													
S-1	10/7/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	21.1
	10/7/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	340
	10/7/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	799
	10/7/2024	(3'-3.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	677
	10/7/2024	(4'-4.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	523
S-2	10/7/2024	(0-0.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	1,480
	10/7/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	745
	10/7/2024	(2'-2.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	113
	10/7/2024	(3'-3.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	55.8
	10/7/2024	(4'-4.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	39.2
S-3	10/7/2024	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	7.13
	10/7/2024	(1'-1.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<4.99
	10/7/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	28.1
	10/7/2024	(3'-3.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	6.28
	10/7/2024	(4'-4.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	17.4
S-4	10/7/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	17.4
	10/7/2024	(1'-1.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	142	142	<50.0	142	141
	10/7/2024	(2'-2.5')	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	196
	10/7/2024	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	111
	10/7/2024	(4'-4.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	107
S-5	10/7/2024	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	20.2
	10/7/2024	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	163
	10/7/2024	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.6	<49.6	<49.6	<49.6	<49.6	184
	10/7/2024	(3'-3.5')	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	100
	10/7/2024	(4'-4.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	94.7
Horizontal Delineation Samples													
H-1	10/7/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	144
H-2	10/7/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	236	236	<49.9	236	4,260
H-2A	10/31/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.3	<50.3	<50.3	<50.3	<50.3	519
H-3	10/7/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	76.3
H-4	10/7/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	20.7
H-5	10/7/2024	(0-0.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	78.4
H-6	10/7/2024	(0-0.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	64.4

- Notes:
1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B
SP-1 Sample Point Excavated
5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
9. --- Not Analyzed

Table 2
Summary of Soil Analytical Data - Confirmation Samples
 Basilisk State Com 1H
 Pilot Water Solutions
 Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Base Confirmation Samples													
CS-1	2/13/2025	4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<50.1	<50.1	<50.1	<50.1	<50.1	<50.1	94.7
CS-2	2/13/2025	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<50.4	<50.4	<50.4	<50.4	<50.4	<50.4	109
CS-3	2/13/2025	4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	<50.5	94.1
CS-4	2/13/2025	4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	<49.7	112
CS-5	2/13/2025	2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	86.9
CS-6	2/13/2025	2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	64.5
CS-7	2/13/2025	2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<49.9	86.5
CS-8	2/13/2025	2.5'	<0.00198	<0.00198	<0.00198	<0.00397	<49.7	<49.7	<49.7	<49.7	<49.7	<49.7	71.8
CS-9	2/13/2025	2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<49.9	72.9
CS-10	2/13/2025	2.5'	<0.00200	<0.00200	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	87.7
CS-11	2/13/2025	2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	82.4
CS-12	2/13/2025	2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	86.0
CS-13	2/13/2025	2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	107
CS-14	2/13/2025	2.5'	<0.00200	<0.00200	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	<49.9	96.9
CS-15	2/13/2025	2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<49.9	82.7
CS-16	2/13/2025	2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	77.4
CS-17	2/13/2025	2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	<49.7	83.0
Sidewall Confirmation Samples													
SW-1	2/13/2025	0-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<49.9	78.7
SW-2	2/13/2025	0-4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	76.6
SW-3	2/13/2025	0-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	68.1
SW-4	2/13/2025	2.5'-4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	65.2
SW-5	2/13/2025	0-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	<49.7	87.0
SW-6	2/13/2025	0-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	<49.7	75.9
SW-7	2/13/2025	0-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	80.6
SW-8	2/13/2025	0-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<49.9	121
SW-9	2/13/2025	0-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	105
SW-10	2/13/2025	0-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	98.5
SW-11	2/13/2025	0-2.5'	<0.00198	<0.00198	<0.00198	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	<49.8	87.5

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold Indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B
- SP-1 Sample Point Excavated

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

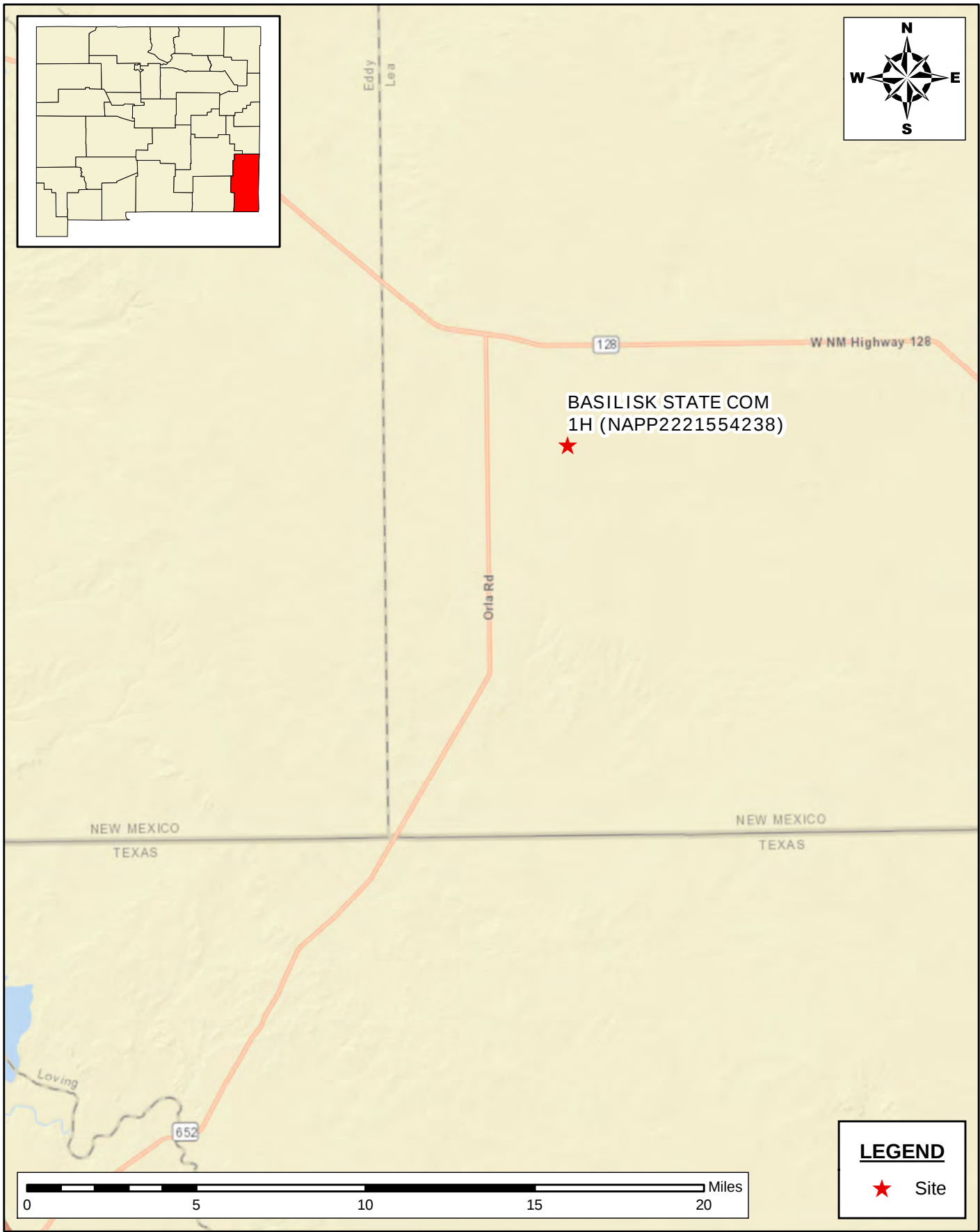
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8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

FIGURES

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SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
PILOT WATER SOLUTIONS
BASILISK STATE COM 1H
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 11/25/2024 PROJECT #:248764



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

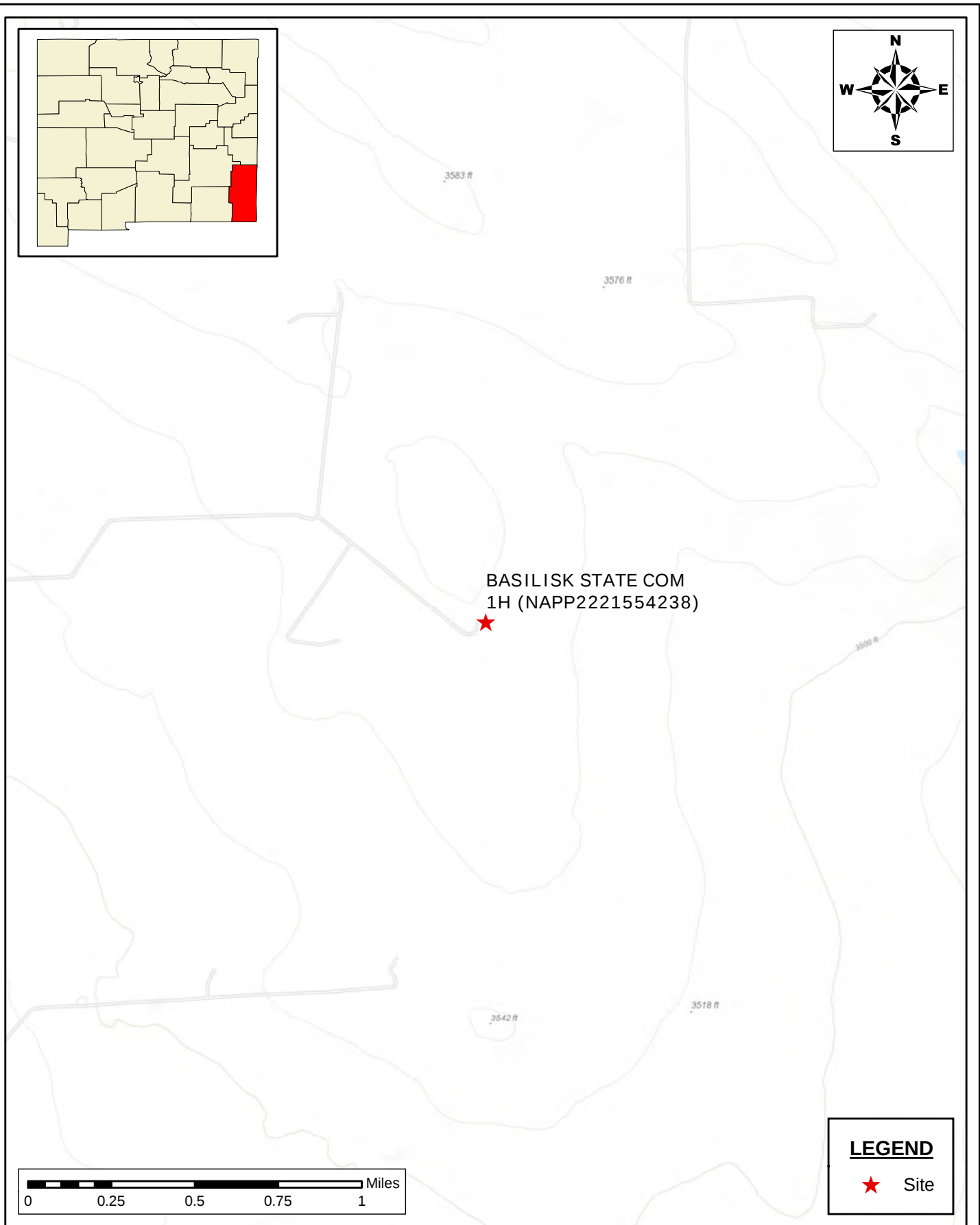
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

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**TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
PILOT WATER SOLUTIONS
BASILISK STATE COM 1H
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 11/25/2024 PROJECT #:248764



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

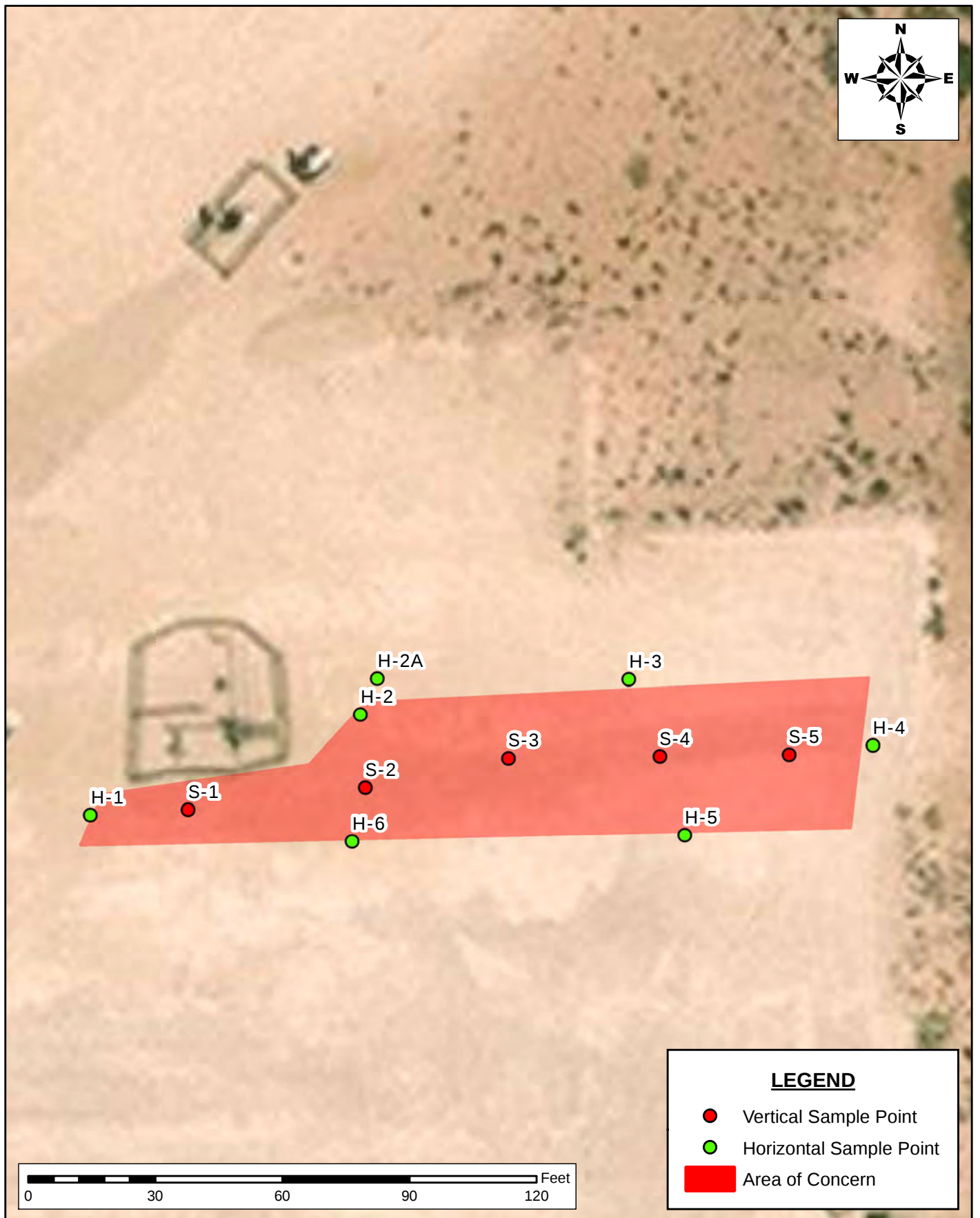
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntg\Documents\NTGE - Projects\2024 PILOT WATER SOLUTIONS\248764 - Basilisk State Com 1H\7- Figures\GIS\Figure_3_DM_SCREMEDWORKPLAN.mxd



**DELINEATION MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
PILOT WATER SOLUTIONS
BASILISK STATE COM 1H
LEA COUNTY, NEW MEXICO**

SCALE: As Shown

Date: 11/25/2024

PROJECT #:248764



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:

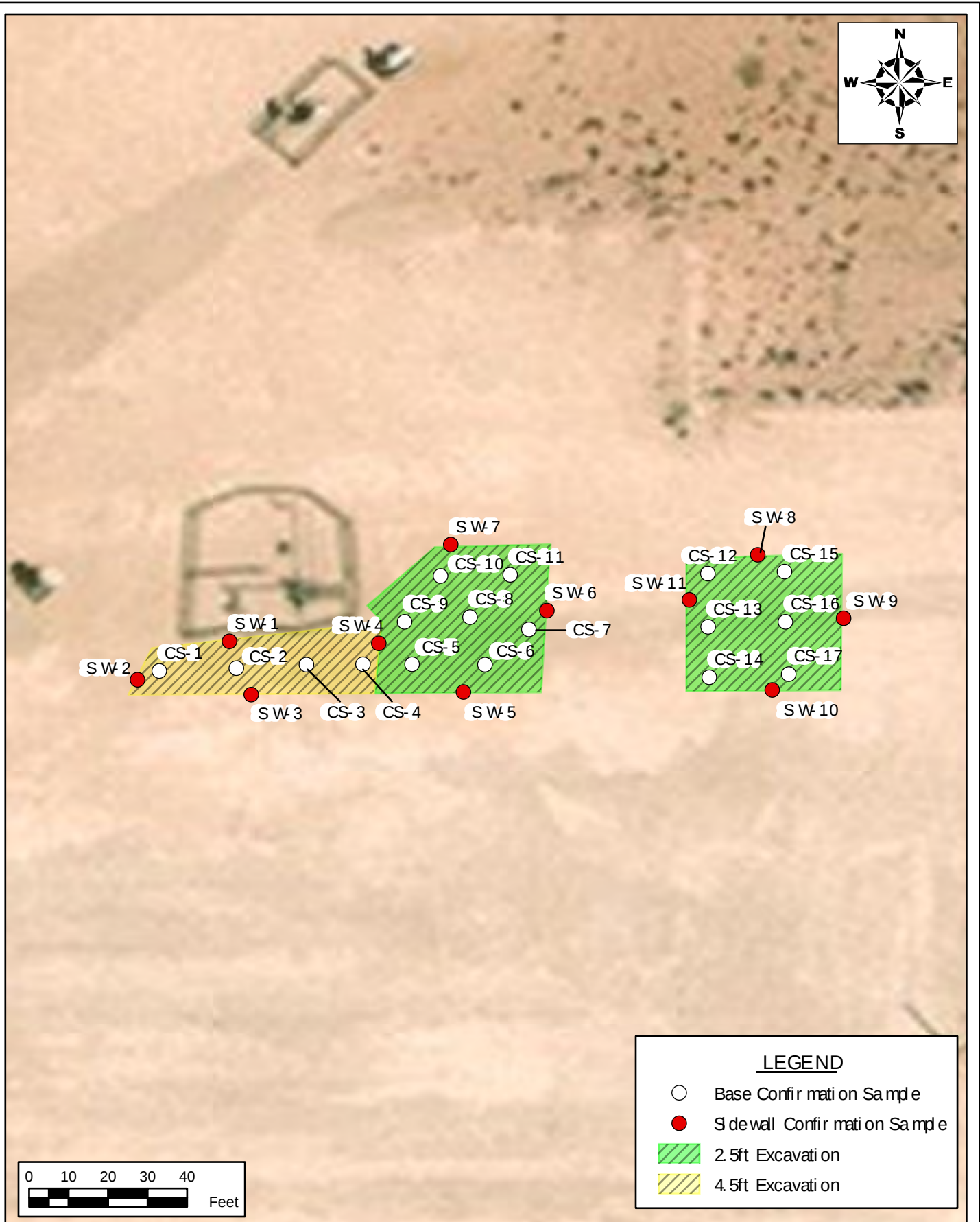
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



**CONFIRMATION SAMPLE MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
PILOT WATER SOLUTIONS
BASILISK STATE COM 1H
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 2/20/2025 PROJECT #: 248764

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

SITE CHARACTERIZATION DOCUMENTATION

NMOCD Closure Criteria

Basilisk State Com 1H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	Unknown	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50	X	600	100	--	50	10
51 - 100		10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

OCD Well Locations



5/31/2024, 12:15:31 PM

Wells - Large Scale

Incident Release

Karst Occurrence Potential

- Oil, Active
- Oil, Cancelled



Produced Water Release



Oil Release



Low

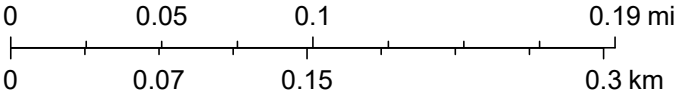


PLSS Second Division



PLSS First Division

1:4,514



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Esri, HERE, Garmin, IPC, Maxar, BLM

OSE POD Location Map



5/31/2024, 12:15:24 PM

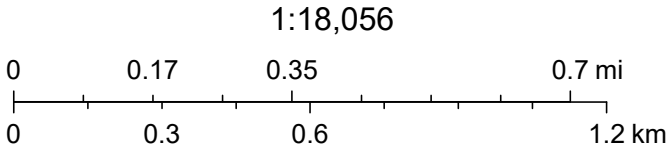
- Override 1

OSE District Boundary
- Water Right Regulations

Closure Area

Artesian Planning Area
- New Mexico State Trust Lands

Both Estates



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

Released to Imaging: 4/3/2025 1:52:56 PM

Received by OCD: 4/3/2025 10:49:00 AM

Legend

Basemap

Query

Source

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status

In Progress (Only NWI)

Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears

Riverine

Hydrogeomorphic Mapping (HGM) Polygons

Depressional

Flats

Lacustrine Fringe

Riverine

Slope

Landscape Position and Water Body (LLWW) Linears

Lentic (LE)

Lotic RIVER (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons

Landform (LLWW)

NWI Linears

Palustrine Emergent (PEM)

Palustrine Forested (PFO)

Palustrine Rock Bottom (PRB)

Palustrine Scrub Shrub (PSS)

Palustrine Unconsolidated (PUB, PUS)

Riverine (R2, R3, R4)

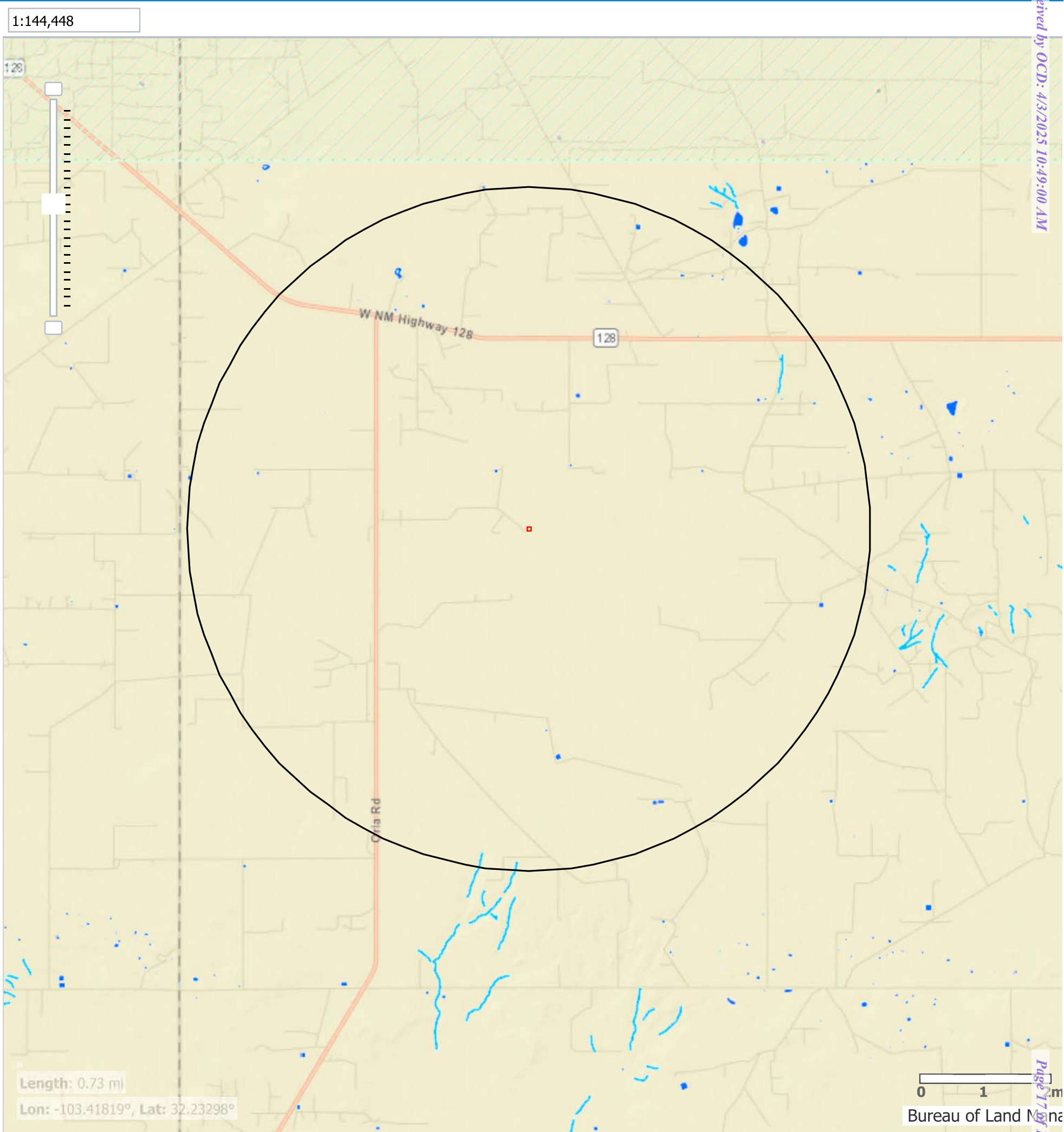
NWI Polygons

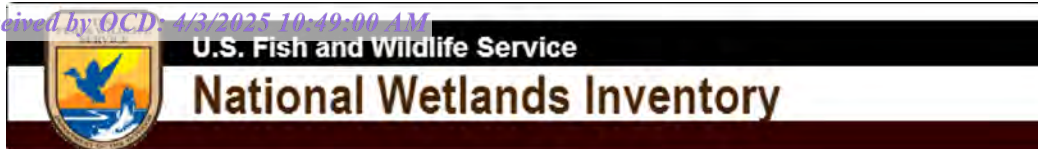
Lacustrine (L1, L2)

Palustrine Aquatic Bed (PAB)

Palustrine Emergent (PEM)

Palustrine Forested (PFO)





Basilisk Wetlands



May 31, 2024

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

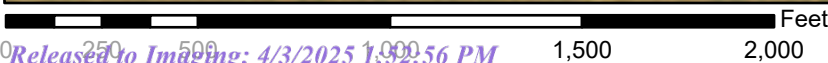
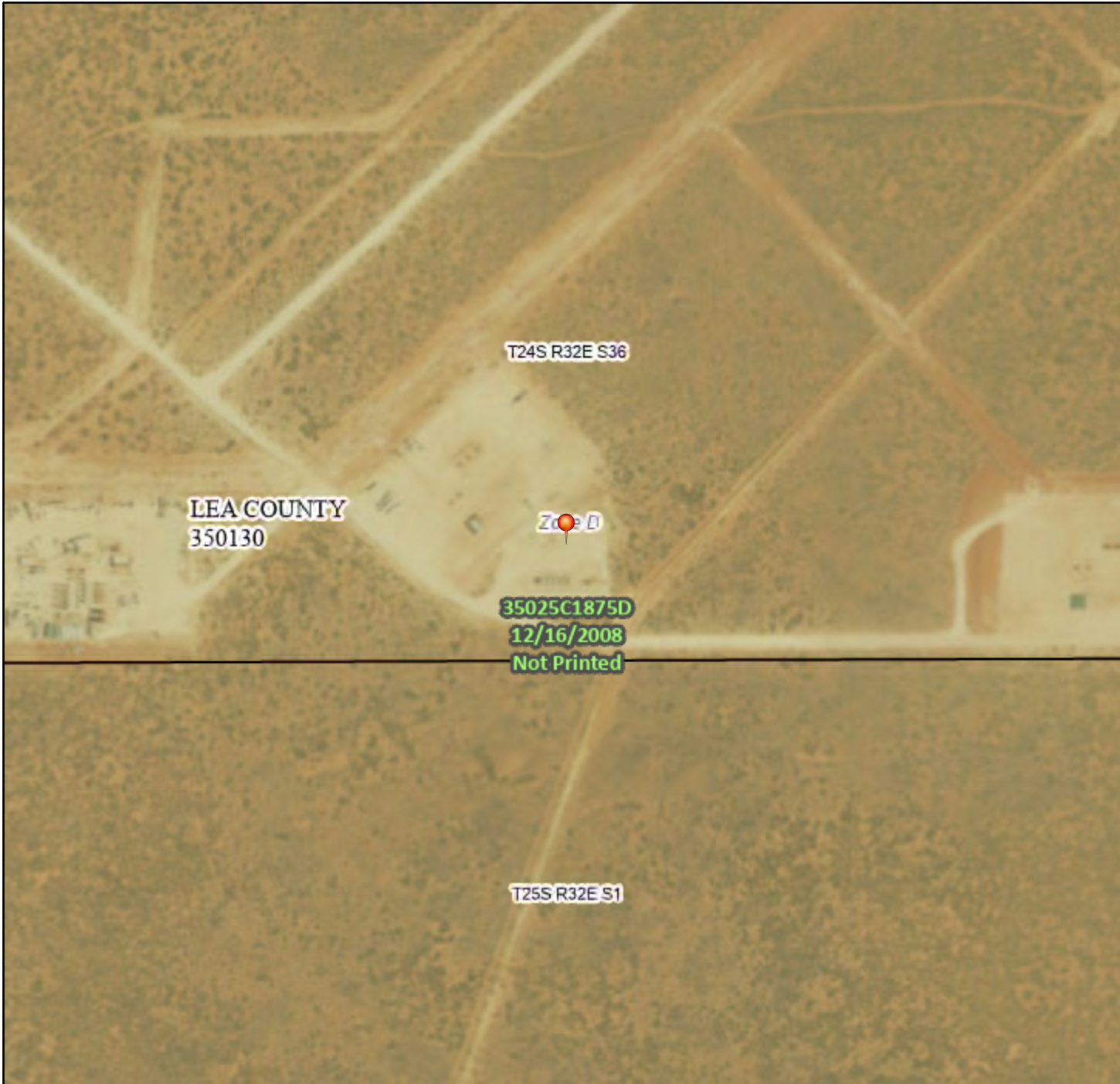
-  Lake
-  Other
-  Riverine

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

National Flood Hazard Layer FIRMette



103°38'8"W 32°10'19"N



1:6,000

103°37'31"W 32°9'49"N

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/31/2024 at 2:18 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

Pilot Water Solutions

Basilisk State Com 1H

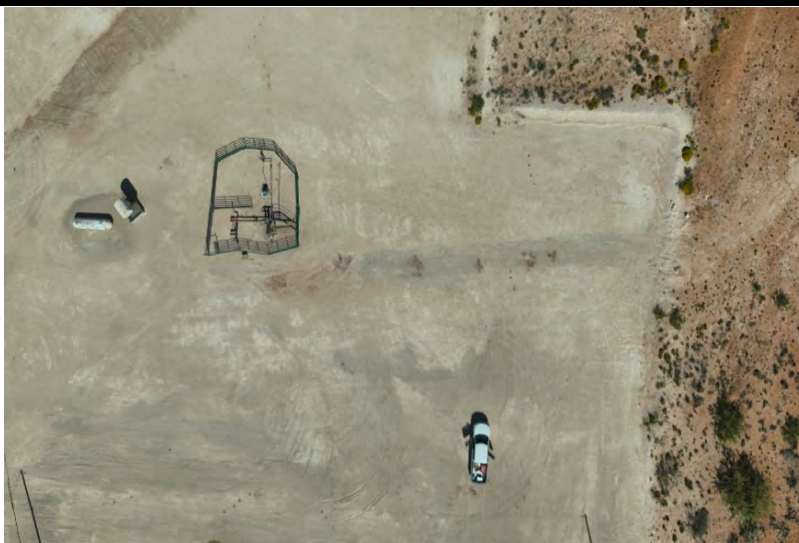
Photograph No. 1

Facility: Basilisk State Com 1H

County: Eddy County, New Mexico

Description:

Drone POV of 10.7.24 Initial Assessment and Area of Concern



Photograph No. 2

Facility: Basilisk State Com 1H

County: Eddy County, New Mexico

Description:

Initial Assessment Activities



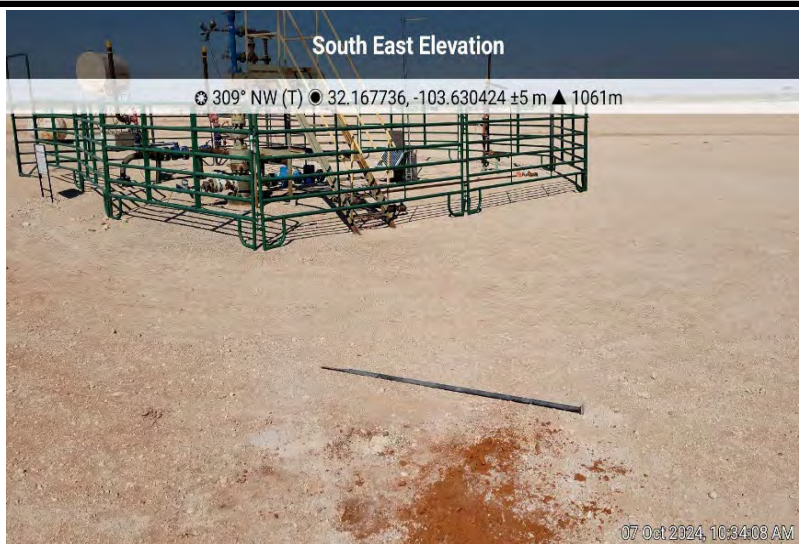
Photograph No. 3

Facility: Basilisk State Com 1H

County: Eddy County, New Mexico

Description:

Initial Assessment Activities



PHOTOGRAPHIC LOG

Pilot Water Solutions

Basilisk State Com 1H

Photograph No. 4

Facility: Basilisk State Com 1H

County: Eddy County, New Mexico

Description:
Confirmation Sampling 2.13.25



Photograph No. 5

Facility: Basilisk State Com 1H

County: Eddy County, New Mexico

Description:
Confirmation Sampling 2.13.25

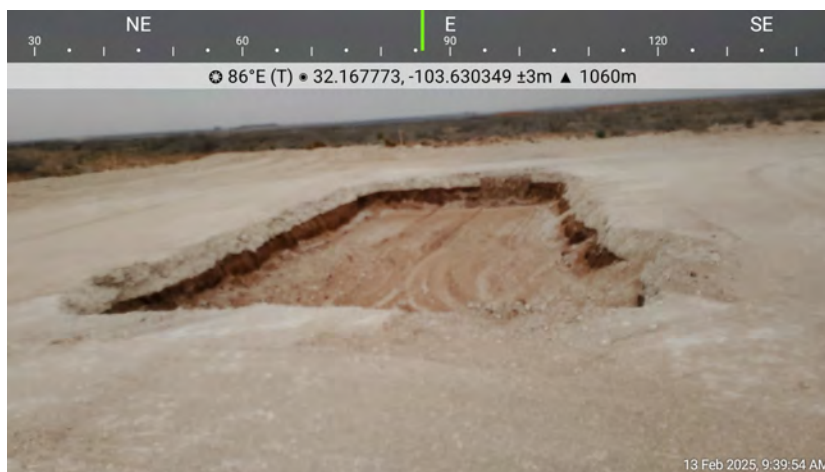


Photograph No. 6

Facility: Basilisk State Com 1H

County: Eddy County, New Mexico

Description:
Confirmation Sampling 2.13.25



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing

1
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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/11/2024 1:30:59 PM

JOB DESCRIPTION

Basilisk State Com 1H
Eddy County NM

JOB NUMBER

890-7215-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
10/11/2024 1:30:59 PM

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

Client: NT Global
Project/Site: Basilisk State Com 1H

Laboratory Job ID: 890-7215-1
SDG: Eddy County NM

Table of Contents

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Definitions/Glossary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Basilisk State Com 1H

Job ID: 890-7215-1

Job ID: 890-7215-1

Eurofins Carlsbad

Job Narrative 890-7215-1

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

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

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

Receipt

The samples were received on 10/7/2024 1:27 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-92677 and 880-92782 and analytical batch 880-92754 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-92769 and analytical batch 880-92752 was outside the upper control 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-92683 and analytical batch 880-92803 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: (LCS 880-92748/2-A) and (LCSD 880-92748/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-5 (890-7215-22), H-1 (890-7215-26) and H-3 (890-7215-28). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-92753/2-A) and (LCSD 880-92753/3-A). Evidence of matrix interferences is not obvious.

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

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: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-1

Lab Sample ID: 890-7215-1

Date Collected: 10/07/24 08:00

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 12:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 12:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 12:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 12:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 12:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/08/24 10:06	10/08/24 12:29	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/08/24 10:06	10/08/24 12:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/24 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/08/24 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 21:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 21:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	10/07/24 11:44	10/08/24 21:32	1
o-Terphenyl	96		70 - 130	10/07/24 11:44	10/08/24 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		5.03		mg/Kg			10/08/24 13:56	1

Client Sample ID: S-1

Lab Sample ID: 890-7215-2

Date Collected: 10/07/24 08:03

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 12:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/08/24 10:06	10/08/24 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 12:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/08/24 10:06	10/08/24 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/08/24 10:06	10/08/24 12:56	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-1

Lab Sample ID: 890-7215-2

Date Collected: 10/07/24 08:03

Matrix: Solid

Date Received: 10/07/24 13:27

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)	99		70 - 130	10/08/24 10:06	10/08/24 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/24 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/08/24 21:49	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	<50.0	U	50.0		mg/Kg		10/07/24 11:44	10/08/24 21:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/07/24 11:44	10/08/24 21:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 11:44	10/08/24 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/07/24 11:44	10/08/24 21:49	1
o-Terphenyl	83		70 - 130				10/07/24 11:44	10/08/24 21:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		4.98		mg/Kg			10/08/24 14:13	1

Client Sample ID: S-1

Lab Sample ID: 890-7215-3

Date Collected: 10/07/24 08:06

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 13:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 13:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 13:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 13:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 13:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/08/24 10:06	10/08/24 13:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/08/24 10:06	10/08/24 13:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/24 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/08/24 22:04	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-1

Lab Sample ID: 890-7215-3

Date Collected: 10/07/24 08:06

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/07/24 11:44	10/08/24 22:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/07/24 11:44	10/08/24 22:04	1
o-Terphenyl	82		70 - 130				10/07/24 11:44	10/08/24 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	799		4.96		mg/Kg			10/08/24 14:18	1

Client Sample ID: S-1

Lab Sample ID: 890-7215-4

Date Collected: 10/07/24 08:09

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 3-3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 13:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 13:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 13:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 13:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 13:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/08/24 10:06	10/08/24 13:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/08/24 10:06	10/08/24 13:49	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			10/08/24 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/08/24 22:20	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	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/07/24 11:44	10/08/24 22:20	1
o-Terphenyl	75		70 - 130				10/07/24 11:44	10/08/24 22:20	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-1

Lab Sample ID: 890-7215-4

Date Collected: 10/07/24 08:09

Matrix: Solid

Date Received: 10/07/24 13:27

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	677		5.04		mg/Kg			10/08/24 14:34	1

Client Sample ID: S-1

Lab Sample ID: 890-7215-5

Date Collected: 10/07/24 08:12

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 14:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/08/24 10:06	10/08/24 14:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 14:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/08/24 10:06	10/08/24 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				10/08/24 10:06	10/08/24 14:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/08/24 10:06	10/08/24 14:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/24 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/08/24 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		10/07/24 11:44	10/08/24 22:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 22:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/07/24 11:44	10/08/24 22:36	1
o-Terphenyl	86		70 - 130				10/07/24 11:44	10/08/24 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	523		4.97		mg/Kg			10/08/24 14:40	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-2

Lab Sample ID: 890-7215-6

Date Collected: 10/07/24 08:15

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 14:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/08/24 10:06	10/08/24 14:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/08/24 10:06	10/08/24 14:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/08/24 10:06	10/08/24 14:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/08/24 10:06	10/08/24 14:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/08/24 10:06	10/08/24 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/08/24 10:06	10/08/24 14:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/08/24 10:06	10/08/24 14:42	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			10/08/24 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/08/24 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	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/07/24 11:44	10/08/24 22:51	1
o-Terphenyl	93		70 - 130	10/07/24 11:44	10/08/24 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		24.8		mg/Kg			10/08/24 14:45	5

Client Sample ID: S-2

Lab Sample ID: 890-7215-7

Date Collected: 10/07/24 08:18

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 15:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 15:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 15:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 15:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 15:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/08/24 10:06	10/08/24 15:09	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-2

Lab Sample ID: 890-7215-7

Date Collected: 10/07/24 08:18

Matrix: Solid

Date Received: 10/07/24 13:27

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	10/08/24 10:06	10/08/24 15:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/08/24 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/08/24 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/07/24 11:44	10/08/24 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/07/24 11:44	10/08/24 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 11:44	10/08/24 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				10/07/24 11:44	10/08/24 23:06	1
o-Terphenyl	95		70 - 130				10/07/24 11:44	10/08/24 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	745		5.05		mg/Kg			10/08/24 14:50	1

Client Sample ID: S-2

Lab Sample ID: 890-7215-8

Date Collected: 10/07/24 08:21

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 15:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 15:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 15:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 15:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 15:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/08/24 10:06	10/08/24 15:36	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/08/24 10:06	10/08/24 15:36	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			10/08/24 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/08/24 23:22	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-2

Lab Sample ID: 890-7215-8

Date Collected: 10/07/24 08:21

Matrix: Solid

Date Received: 10/07/24 13:27

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	<49.7	U	49.7		mg/Kg		10/07/24 11:44	10/08/24 23:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/07/24 11:44	10/08/24 23:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/07/24 11:44	10/08/24 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/07/24 11:44	10/08/24 23:22	1
o-Terphenyl	85		70 - 130				10/07/24 11:44	10/08/24 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.98		mg/Kg			10/08/24 14:56	1

Client Sample ID: S-2

Lab Sample ID: 890-7215-9

Date Collected: 10/07/24 08:24

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 3-3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/08/24 10:06	10/08/24 16:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/08/24 10:06	10/08/24 16:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/08/24 10:06	10/08/24 16:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/08/24 10:06	10/08/24 16:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/08/24 10:06	10/08/24 16:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/08/24 10:06	10/08/24 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				10/08/24 10:06	10/08/24 16:02	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/08/24 10:06	10/08/24 16:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/08/24 16:02	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			10/08/24 23:38	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		10/07/24 11:44	10/08/24 23:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 23:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 11:44	10/08/24 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/07/24 11:44	10/08/24 23:38	1
o-Terphenyl	85		70 - 130				10/07/24 11:44	10/08/24 23:38	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-2

Lab Sample ID: 890-7215-9

Date Collected: 10/07/24 08:24

Matrix: Solid

Date Received: 10/07/24 13:27

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	55.8		4.97		mg/Kg			10/08/24 15:01	1

Client Sample ID: S-2

Lab Sample ID: 890-7215-10

Date Collected: 10/07/24 08:27

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 4-4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 16:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 16:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 16:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 16:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 16:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 16:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/08/24 10:06	10/08/24 16:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/08/24 10:06	10/08/24 16:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/24 16:29	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			10/08/24 23:53	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	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 23:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 23:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/07/24 11:44	10/08/24 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/07/24 11:44	10/08/24 23:53	1
o-Terphenyl	81		70 - 130				10/07/24 11:44	10/08/24 23:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.2		5.01		mg/Kg			10/08/24 15:06	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-3

Lab Sample ID: 890-7215-11

Date Collected: 10/07/24 08:30

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 18:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 18:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 18:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 18:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 18:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	10/08/24 10:06	10/08/24 18:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/08/24 10:06	10/08/24 18:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/08/24 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/08/24 18:13	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		10/07/24 16:45	10/08/24 18:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 18:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	10/07/24 16:45	10/08/24 18:13	1
o-Terphenyl	110		70 - 130	10/07/24 16:45	10/08/24 18:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.13		5.00		mg/Kg			10/08/24 15:50	1

Client Sample ID: S-3

Lab Sample ID: 890-7215-12

Date Collected: 10/07/24 08:33

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 18:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/08/24 10:06	10/08/24 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 18:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/08/24 10:06	10/08/24 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/08/24 10:06	10/08/24 18:43	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-3

Lab Sample ID: 890-7215-12

Date Collected: 10/07/24 08:33

Matrix: Solid

Date Received: 10/07/24 13:27

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)	96		70 - 130	10/08/24 10:06	10/08/24 18:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/24 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	<49.8	U	49.8		mg/Kg			10/08/24 18:59	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		10/07/24 16:45	10/08/24 18:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 18:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				10/07/24 16:45	10/08/24 18:59	1
o-Terphenyl	117		70 - 130				10/07/24 16:45	10/08/24 18:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			10/08/24 16:06	1

Client Sample ID: S-3

Lab Sample ID: 890-7215-13

Date Collected: 10/07/24 08:36

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 19:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 19:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 19:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/08/24 10:06	10/08/24 19:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/08/24 10:06	10/08/24 19:09	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			10/08/24 19:09	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			10/08/24 19:15	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-3

Lab Sample ID: 890-7215-13

Date Collected: 10/07/24 08:36

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/07/24 16:45	10/08/24 19:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 19:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				10/07/24 16:45	10/08/24 19:15	1
o-Terphenyl	106		70 - 130				10/07/24 16:45	10/08/24 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.1		5.02		mg/Kg			10/08/24 16:11	1

Client Sample ID: S-3

Lab Sample ID: 890-7215-14

Date Collected: 10/07/24 08:39

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 3-3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 19:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 19:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 19:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 19:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 19:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/08/24 10:06	10/08/24 19:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/08/24 10:06	10/08/24 19:36	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			10/08/24 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/08/24 19:30	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	<49.6	U	49.6		mg/Kg		10/07/24 16:45	10/08/24 19:30	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/07/24 16:45	10/08/24 19:30	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/07/24 16:45	10/08/24 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				10/07/24 16:45	10/08/24 19:30	1
o-Terphenyl	124		70 - 130				10/07/24 16:45	10/08/24 19:30	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-3

Lab Sample ID: 890-7215-14

Date Collected: 10/07/24 08:39

Matrix: Solid

Date Received: 10/07/24 13:27

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	6.28		4.96		mg/Kg			10/08/24 16:17	1

Client Sample ID: S-3

Lab Sample ID: 890-7215-15

Date Collected: 10/07/24 08:42

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 4-4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 20:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 20:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 20:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 20:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 20:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/08/24 10:06	10/08/24 20:02	1
1,4-Difluorobenzene (Surr)	91		70 - 130				10/08/24 10:06	10/08/24 20:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/24 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/08/24 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 19:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 19:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				10/07/24 16:45	10/08/24 19:45	1
o-Terphenyl	115		70 - 130				10/07/24 16:45	10/08/24 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		4.98		mg/Kg			10/08/24 16:22	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-4

Lab Sample ID: 890-7215-16

Date Collected: 10/07/24 08:45

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 20:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 20:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 20:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 20:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 20:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/08/24 10:06	10/08/24 20:29	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/08/24 10:06	10/08/24 20:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/24 20:29	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			10/08/24 20:01	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	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 20:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 20:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130	10/07/24 16:45	10/08/24 20:01	1
o-Terphenyl	122		70 - 130	10/07/24 16:45	10/08/24 20:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		5.05		mg/Kg			10/08/24 16:38	1

Client Sample ID: S-4

Lab Sample ID: 890-7215-17

Date Collected: 10/07/24 08:48

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 20:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 20:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 20:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 20:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 20:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/08/24 10:06	10/08/24 20:55	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-4

Lab Sample ID: 890-7215-17

Date Collected: 10/07/24 08:48

Matrix: Solid

Date Received: 10/07/24 13:27

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)	97		70 - 130	10/08/24 10:06	10/08/24 20:55	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			10/08/24 20:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	142		50.0		mg/Kg			10/08/24 20:16	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	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 20:16	1
Diesel Range Organics (Over C10-C28)	142		50.0		mg/Kg		10/07/24 16:45	10/08/24 20:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				10/07/24 16:45	10/08/24 20:16	1
o-Terphenyl	106		70 - 130				10/07/24 16:45	10/08/24 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.97		mg/Kg			10/08/24 16:44	1

Client Sample ID: S-4

Lab Sample ID: 890-7215-18

Date Collected: 10/07/24 08:51

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 10:06	10/08/24 21:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 21:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 21:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 21:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 21:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/08/24 10:06	10/08/24 21:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/08/24 10:06	10/08/24 21:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/08/24 21:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/08/24 20:31	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-4
Date Collected: 10/07/24 08:51
Date Received: 10/07/24 13:27
Sample Depth: 2-2.5'

Lab Sample ID: 890-7215-18
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 20:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 20:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 20:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				10/07/24 16:45	10/08/24 20:31	1
o-Terphenyl	113		70 - 130				10/07/24 16:45	10/08/24 20:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		5.04		mg/Kg			10/08/24 16:49	1

Client Sample ID: S-4
Date Collected: 10/07/24 08:54
Date Received: 10/07/24 13:27
Sample Depth: 3-3.5'

Lab Sample ID: 890-7215-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 21:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 21:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 21:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 21:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 10:06	10/08/24 21:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 10:06	10/08/24 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/08/24 10:06	10/08/24 21:48	1
1,4-Difluorobenzene (Surr)	90		70 - 130				10/08/24 10:06	10/08/24 21:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/24 21:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/08/24 20:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 20:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 20:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				10/07/24 16:45	10/08/24 20:47	1
o-Terphenyl	113		70 - 130				10/07/24 16:45	10/08/24 20:47	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-4

Lab Sample ID: 890-7215-19

Date Collected: 10/07/24 08:54

Matrix: Solid

Date Received: 10/07/24 13:27

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	111		5.00		mg/Kg			10/08/24 16:54	1

Client Sample ID: S-4

Lab Sample ID: 890-7215-20

Date Collected: 10/07/24 08:57

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 4-4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 22:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 22:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 22:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 22:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 10:06	10/08/24 22:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 10:06	10/08/24 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				10/08/24 10:06	10/08/24 22:15	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/08/24 10:06	10/08/24 22:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/24 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/08/24 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				10/07/24 16:45	10/08/24 21:02	1
o-Terphenyl	108		70 - 130				10/07/24 16:45	10/08/24 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.97		mg/Kg			10/08/24 17:00	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-5

Lab Sample ID: 890-7215-21

Date Collected: 10/07/24 09:00

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 14:05	10/08/24 23:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 14:05	10/08/24 23:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 14:05	10/08/24 23:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 14:05	10/08/24 23:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 14:05	10/08/24 23:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 14:05	10/08/24 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/08/24 14:05	10/08/24 23:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/08/24 14:05	10/08/24 23:53	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			10/08/24 23:53	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			10/08/24 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 21:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 21:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	10/07/24 16:45	10/08/24 21:32	1
o-Terphenyl	118		70 - 130	10/07/24 16:45	10/08/24 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2		5.02		mg/Kg			10/08/24 17:05	1

Client Sample ID: S-5

Lab Sample ID: 890-7215-22

Date Collected: 10/07/24 09:03

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 14:05	10/09/24 00:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 00:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 00:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 00:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 00:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/08/24 14:05	10/09/24 00:13	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-5

Lab Sample ID: 890-7215-22

Date Collected: 10/07/24 09:03

Matrix: Solid

Date Received: 10/07/24 13:27

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)	122		70 - 130	10/08/24 14:05	10/09/24 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			10/09/24 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	<49.8	U	49.8		mg/Kg			10/08/24 21:49	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		10/07/24 16:45	10/08/24 21:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 21:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				10/07/24 16:45	10/08/24 21:49	1
o-Terphenyl	126		70 - 130				10/07/24 16:45	10/08/24 21:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		4.98		mg/Kg			10/08/24 17:21	1

Client Sample ID: S-5

Lab Sample ID: 890-7215-23

Date Collected: 10/07/24 09:06

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 14:05	10/09/24 00:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 00:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 00:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 00:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 00:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 00:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/08/24 14:05	10/09/24 00:34	1
1,4-Difluorobenzene (Surr)	119		70 - 130	10/08/24 14:05	10/09/24 00:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 00:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/08/24 22:04	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-5

Lab Sample ID: 890-7215-23

Date Collected: 10/07/24 09:06

Matrix: Solid

Date Received: 10/07/24 13:27

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	<49.6	U	49.6		mg/Kg		10/07/24 16:45	10/08/24 22:04	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/07/24 16:45	10/08/24 22:04	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/07/24 16:45	10/08/24 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				10/07/24 16:45	10/08/24 22:04	1
o-Terphenyl	108		70 - 130				10/07/24 16:45	10/08/24 22:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		4.96		mg/Kg			10/08/24 17:27	1

Client Sample ID: S-5

Lab Sample ID: 890-7215-24

Date Collected: 10/07/24 09:09

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 3-3.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/08/24 14:05	10/09/24 00:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/08/24 14:05	10/09/24 00:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/08/24 14:05	10/09/24 00:54	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/08/24 14:05	10/09/24 00:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/08/24 14:05	10/09/24 00:54	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/08/24 14:05	10/09/24 00:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/08/24 14:05	10/09/24 00:54	1
1,4-Difluorobenzene (Surr)	115		70 - 130				10/08/24 14:05	10/09/24 00:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/09/24 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			10/08/24 22:20	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	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 22:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 22:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				10/07/24 16:45	10/08/24 22:20	1
o-Terphenyl	113		70 - 130				10/07/24 16:45	10/08/24 22:20	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-5

Lab Sample ID: 890-7215-24

Date Collected: 10/07/24 09:09

Matrix: Solid

Date Received: 10/07/24 13:27

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	100		4.95		mg/Kg			10/08/24 17:43	1

Client Sample ID: S-5

Lab Sample ID: 890-7215-25

Date Collected: 10/07/24 09:12

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 4-4.5'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/24 14:05	10/09/24 01:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/24 14:05	10/09/24 01:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/24 14:05	10/09/24 01:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/08/24 14:05	10/09/24 01:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/24 14:05	10/09/24 01:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/08/24 14:05	10/09/24 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/08/24 14:05	10/09/24 01:14	1
1,4-Difluorobenzene (Surr)	119		70 - 130				10/08/24 14:05	10/09/24 01:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/09/24 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	<49.9	U	49.9		mg/Kg			10/08/24 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		10/07/24 16:45	10/08/24 22:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 22:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				10/07/24 16:45	10/08/24 22:36	1
o-Terphenyl	116		70 - 130				10/07/24 16:45	10/08/24 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.7		4.95		mg/Kg			10/08/24 17:48	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: H-1

Lab Sample ID: 890-7215-26

Date Collected: 10/07/24 09:15

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 14:05	10/09/24 01:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 01:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 01:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 01:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 01:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				10/08/24 14:05	10/09/24 01:35	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/08/24 14:05	10/09/24 01:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 01:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/08/24 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	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 22:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 22:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/07/24 16:45	10/08/24 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				10/07/24 16:45	10/08/24 22:51	1
o-Terphenyl	126		70 - 130				10/07/24 16:45	10/08/24 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.97		mg/Kg			10/08/24 17:54	1

Client Sample ID: H-2

Lab Sample ID: 890-7215-27

Date Collected: 10/07/24 09:18

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/08/24 14:05	10/09/24 01:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 01:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 01:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 01:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/24 14:05	10/09/24 01:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/24 14:05	10/09/24 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/08/24 14:05	10/09/24 01:55	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: H-2

Lab Sample ID: 890-7215-27

Date Collected: 10/07/24 09:18

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 0-6"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	113		70 - 130	10/08/24 14:05	10/09/24 01:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 01:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	236		49.9		mg/Kg			10/08/24 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 23:06	1
Diesel Range Organics (Over C10-C28)	236		49.9		mg/Kg		10/07/24 16:45	10/08/24 23:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/07/24 16:45	10/08/24 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				10/07/24 16:45	10/08/24 23:06	1
o-Terphenyl	118		70 - 130				10/07/24 16:45	10/08/24 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4260		50.4		mg/Kg			10/08/24 17:59	10

Client Sample ID: H-3

Lab Sample ID: 890-7215-28

Date Collected: 10/07/24 09:21

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/09/24 09:31	10/09/24 12:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 12:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 12:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 12:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 12:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/09/24 09:31	10/09/24 12:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/09/24 09:31	10/09/24 12:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/08/24 23:22	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: H-3

Lab Sample ID: 890-7215-28

Date Collected: 10/07/24 09:21

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 0-6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 23:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 23:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130				10/07/24 16:45	10/08/24 23:22	1
o-Terphenyl	125		70 - 130				10/07/24 16:45	10/08/24 23:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.3		5.02		mg/Kg			10/08/24 18:05	1

Client Sample ID: H-4

Lab Sample ID: 890-7215-29

Date Collected: 10/07/24 09:24

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/09/24 09:31	10/09/24 13:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 13:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 13:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 13:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 13:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/09/24 09:31	10/09/24 13:05	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/09/24 09:31	10/09/24 13:05	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			10/09/24 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/08/24 23:38	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	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 23:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 23:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/07/24 16:45	10/08/24 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				10/07/24 16:45	10/08/24 23:38	1
o-Terphenyl	115		70 - 130				10/07/24 16:45	10/08/24 23:38	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: H-4

Lab Sample ID: 890-7215-29

Date Collected: 10/07/24 09:24

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 0-6"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.7		4.97		mg/Kg			10/08/24 18:10	1

Client Sample ID: H-5

Lab Sample ID: 890-7215-30

Date Collected: 10/07/24 09:27

Matrix: Solid

Date Received: 10/07/24 13:27

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		10/09/24 09:31	10/09/24 13:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 13:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 13:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 13:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/24 09:31	10/09/24 13:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/24 09:31	10/09/24 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				10/09/24 09:31	10/09/24 13:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/09/24 09:31	10/09/24 13:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/09/24 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/10/24 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 19:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 19:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/08/24 08:26	10/10/24 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				10/08/24 08:26	10/10/24 19:29	1
o-Terphenyl	90		70 - 130				10/08/24 08:26	10/10/24 19:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.4		5.01		mg/Kg			10/08/24 18:15	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: H-6

Lab Sample ID: 890-7215-31

Date Collected: 10/07/24 09:30

Matrix: Solid

Date Received: 10/07/24 13:27

Sample Depth: 0-6"

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		10/09/24 09:31	10/09/24 13:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:31	10/09/24 13:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:31	10/09/24 13:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/24 09:31	10/09/24 13:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/24 09:31	10/09/24 13:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/24 09:31	10/09/24 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/09/24 09:31	10/09/24 13:46	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/09/24 09:31	10/09/24 13:46	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			10/09/24 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/24 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 18:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 18:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	10/08/24 08:26	10/10/24 18:43	1
o-Terphenyl	81		70 - 130	10/08/24 08:26	10/10/24 18:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.4		5.02		mg/Kg			10/08/24 21:19	1

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Surrogate Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-49532-A-1-A MS	Matrix Spike	105	103
880-49532-A-1-B MSD	Matrix Spike Duplicate	105	102
890-7215-1	S-1	102	88
890-7215-1 MS	S-1	112	101
890-7215-1 MSD	S-1	103	97
890-7215-2	S-1	106	99
890-7215-3	S-1	106	97
890-7215-4	S-1	114	100
890-7215-5	S-1	111	93
890-7215-6	S-2	107	100
890-7215-7	S-2	112	98
890-7215-8	S-2	114	89
890-7215-9	S-2	112	101
890-7215-10	S-2	109	100
890-7215-11	S-3	94	92
890-7215-12	S-3	110	96
890-7215-13	S-3	106	98
890-7215-14	S-3	107	94
890-7215-15	S-3	107	91
890-7215-16	S-4	106	94
890-7215-17	S-4	97	97
890-7215-18	S-4	109	95
890-7215-19	S-4	106	90
890-7215-20	S-4	115	97
890-7215-21	S-5	86	100
890-7215-21 MS	S-5	103	101
890-7215-21 MSD	S-5	100	96
890-7215-22	S-5	117	122
890-7215-23	S-5	117	119
890-7215-24	S-5	106	115
890-7215-25	S-5	107	119
890-7215-26	H-1	116	110
890-7215-27	H-2	108	113
890-7215-28	H-3	107	101
890-7215-29	H-4	109	100
890-7215-30	H-5	112	100
890-7215-31	H-6	108	103
LCS 880-92769/1-A	Lab Control Sample	102	97
LCS 880-92782/1-A	Lab Control Sample	103	99
LCS 880-92850/1-A	Lab Control Sample	109	100
LCSD 880-92769/2-A	Lab Control Sample Dup	107	96
LCSD 880-92782/2-A	Lab Control Sample Dup	99	104
LCSD 880-92850/2-A	Lab Control Sample Dup	108	101
MB 880-92677/5-A	Method Blank	148 S1+	105
MB 880-92769/5-A	Method Blank	68 S1-	89
MB 880-92782/5-A	Method Blank	190 S1+	133 S1+
MB 880-92850/5-A	Method Blank	112	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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Surrogate Summary

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

Job ID: 890-7215-1
SDG: Eddy County NM

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)
880-49435-A-3-D MS	Matrix Spike	84	74
880-49435-A-3-E MSD	Matrix Spike Duplicate	85	75
890-7215-1	S-1	120	96
890-7215-2	S-1	102	83
890-7215-3	S-1	102	82
890-7215-4	S-1	91	75
890-7215-5	S-1	104	86
890-7215-6	S-2	116	93
890-7215-7	S-2	118	95
890-7215-8	S-2	107	85
890-7215-9	S-2	107	85
890-7215-10	S-2	100	81
890-7215-11	S-3	114	110
890-7215-11 MS	S-3	111	115
890-7215-11 MSD	S-3	110	114
890-7215-12	S-3	125	117
890-7215-13	S-3	112	106
890-7215-14	S-3	129	124
890-7215-15	S-3	120	115
890-7215-16	S-4	129	122
890-7215-17	S-4	111	106
890-7215-18	S-4	120	113
890-7215-19	S-4	118	113
890-7215-20	S-4	114	108
890-7215-21	S-5	126	118
890-7215-22	S-5	135 S1+	126
890-7215-23	S-5	116	108
890-7215-24	S-5	126	113
890-7215-25	S-5	126	116
890-7215-26	H-1	138 S1+	126
890-7215-27	H-2	130	118
890-7215-28	H-3	138 S1+	125
890-7215-29	H-4	128	115
890-7215-30	H-5	114	90
890-7215-31	H-6	101	81
890-7215-31 MS	H-6	111	96
890-7215-31 MSD	H-6	110	95
LCS 880-92683/2-A	Lab Control Sample	117	107
LCS 880-92748/2-A	Lab Control Sample	129	134 S1+
LCS 880-92753/2-A	Lab Control Sample	131 S1+	119
LCSD 880-92683/3-A	Lab Control Sample Dup	114	103
LCSD 880-92748/3-A	Lab Control Sample Dup	124	131 S1+
LCSD 880-92753/3-A	Lab Control Sample Dup	133 S1+	120
MB 880-92683/1-A	Method Blank	98	80
MB 880-92748/1-A	Method Blank	108	103
MB 880-92753/1-A	Method Blank	102	80

Surrogate Legend

1CO = 1-Chlorooctane

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Surrogate Summary

Client: NT Global
Project/Site: Basilisk State Com 1H
OTPH = o-Terphenyl

Job ID: 890-7215-1
SDG: Eddy County NM

- 1
- 2
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- 14

QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-92677/5-A

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/07/24 10:26	10/08/24 11:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/07/24 10:26	10/08/24 11:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/07/24 10:26	10/08/24 11:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/07/24 10:26	10/08/24 11:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/07/24 10:26	10/08/24 11:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/07/24 10:26	10/08/24 11:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	10/07/24 10:26	10/08/24 11:46	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/07/24 10:26	10/08/24 11:46	1

Lab Sample ID: MB 880-92769/5-A

Matrix: Solid

Analysis Batch: 92752

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 10:06	10/08/24 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/24 10:06	10/08/24 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	10/08/24 10:06	10/08/24 12:02	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/08/24 10:06	10/08/24 12:02	1

Lab Sample ID: LCS 880-92769/1-A

Matrix: Solid

Analysis Batch: 92752

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1100		mg/Kg		110	70 - 130
Toluene	0.100	0.1101		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2264		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1121		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-92769/2-A

Matrix: Solid

Analysis Batch: 92752

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1044		mg/Kg		104	70 - 130	5	35

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-92769/2-A

Matrix: Solid

Analysis Batch: 92752

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.1135		mg/Kg		114	70 - 130		3	35
Ethylbenzene	0.100	0.1204		mg/Kg		120	70 - 130		7	35
m-Xylene & p-Xylene	0.200	0.2428		mg/Kg		121	70 - 130		7	35
o-Xylene	0.100	0.1209		mg/Kg		121	70 - 130		8	35

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

Lab Sample ID: 890-7215-1 MS

Matrix: Solid

Analysis Batch: 92752

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 92769

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00201	U	0.100	0.09706		mg/Kg		97	70 - 130	
Toluene	<0.00201	U	0.100	0.1085		mg/Kg		109	70 - 130	
Ethylbenzene	<0.00201	U	0.100	0.1130		mg/Kg		113	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2297		mg/Kg		115	70 - 130	
o-Xylene	<0.00201	U	0.100	0.1135		mg/Kg		114	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7215-1 MSD

Matrix: Solid

Analysis Batch: 92752

Client Sample ID: S-1

Prep Type: Total/NA

Prep Batch: 92769

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00201	U	0.100	0.08996		mg/Kg		90	70 - 130		8	35
Toluene	<0.00201	U	0.100	0.09967		mg/Kg		100	70 - 130		8	35
Ethylbenzene	<0.00201	U	0.100	0.1014		mg/Kg		101	70 - 130		11	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2052		mg/Kg		103	70 - 130		11	35
o-Xylene	<0.00201	U	0.100	0.1014		mg/Kg		101	70 - 130		11	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-92782/5-A

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92782

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/24 14:05	10/08/24 23:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/24 14:05	10/08/24 23:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/24 14:05	10/08/24 23:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/24 14:05	10/08/24 23:24	1

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-92782/5-A

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92782

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/24 14:05	10/08/24 23:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/24 14:05	10/08/24 23:24	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	190	S1+	70 - 130				10/08/24 14:05	10/08/24 23:24	1
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130				10/08/24 14:05	10/08/24 23:24	1

Lab Sample ID: LCS 880-92782/1-A

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92782

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.09693		mg/Kg		97	70 - 130		
Toluene	0.100	0.09141		mg/Kg		91	70 - 130		
Ethylbenzene	0.100	0.09194		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	0.200	0.1861		mg/Kg		93	70 - 130		
o-Xylene	0.100	0.1083		mg/Kg		108	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: LCSD 880-92782/2-A

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92782

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1041		mg/Kg		104	70 - 130	7	35
Toluene	0.100	0.09458		mg/Kg		95	70 - 130	3	35
Ethylbenzene	0.100	0.1082		mg/Kg		108	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.2149		mg/Kg		107	70 - 130	14	35
o-Xylene	0.100	0.1005		mg/Kg		101	70 - 130	8	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: 890-7215-21 MS

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: S-5

Prep Type: Total/NA

Prep Batch: 92782

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00201	U	0.100	0.08891		mg/Kg		89	70 - 130		
Toluene	<0.00201	U	0.100	0.08193		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.08182		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1688		mg/Kg		84	70 - 130		
o-Xylene	<0.00201	U	0.100	0.1022		mg/Kg		102	70 - 130		

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: 890-7215-21 MS

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: S-5

Prep Type: Total/NA

Prep Batch: 92782

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7215-21 MSD

Matrix: Solid

Analysis Batch: 92754

Client Sample ID: S-5

Prep Type: Total/NA

Prep Batch: 92782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08944		mg/Kg		89	70 - 130	1	35
Toluene	<0.00201	U	0.100	0.08760		mg/Kg		88	70 - 130	7	35
Ethylbenzene	<0.00201	U	0.100	0.09491		mg/Kg		95	70 - 130	15	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1971		mg/Kg		99	70 - 130	15	35
o-Xylene	<0.00201	U	0.100	0.1002		mg/Kg		100	70 - 130	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-92850/5-A

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/24 09:31	10/09/24 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/24 09:31	10/09/24 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/24 09:31	10/09/24 11:42	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/09/24 09:31	10/09/24 11:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/09/24 09:31	10/09/24 11:42	1

Lab Sample ID: LCS 880-92850/1-A

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08769		mg/Kg		88	70 - 130
Toluene	0.100	0.08276		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08388		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1799		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08965		mg/Kg		90	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: LCS 880-92850/1-A

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92850

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

Lab Sample ID: LCSD 880-92850/2-A

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Benzene	0.100	0.09165		mg/Kg		92	70 - 130	4		35
Toluene	0.100	0.08676		mg/Kg		87	70 - 130	5		35
Ethylbenzene	0.100	0.08752		mg/Kg		88	70 - 130	4		35
m-Xylene & p-Xylene	0.200	0.1874		mg/Kg		94	70 - 130	4		35
o-Xylene	0.100	0.09424		mg/Kg		94	70 - 130	5		35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-49532-A-1-A MS

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00201	U	0.100	0.08783		mg/Kg		88	70 - 130	
Toluene	<0.00201	U	0.100	0.08321		mg/Kg		83	70 - 130	
Ethylbenzene	<0.00201	U	0.100	0.08328		mg/Kg		83	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1783		mg/Kg		89	70 - 130	
o-Xylene	<0.00201	U	0.100	0.09092		mg/Kg		91	70 - 130	

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

Lab Sample ID: 880-49532-A-1-B MSD

Matrix: Solid

Analysis Batch: 92826

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 92850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00201	U	0.100	0.08595		mg/Kg		86	70 - 130	2
Toluene	<0.00201	U	0.100	0.08101		mg/Kg		81	70 - 130	3
Ethylbenzene	<0.00201	U	0.100	0.08154		mg/Kg		82	70 - 130	2
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1746		mg/Kg		87	70 - 130	2
o-Xylene	<0.00201	U	0.100	0.08892		mg/Kg		89	70 - 130	2

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-92683/1-A							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 92803							Prep Batch: 92683			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/07/24 11:43	10/08/24 08:47	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/07/24 11:43	10/08/24 08:47	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 11:43	10/08/24 08:47	1	
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	98		70 - 130				10/07/24 11:43	10/08/24 08:47	1	
o-Terphenyl	80		70 - 130				10/07/24 11:43	10/08/24 08:47	1	

Lab Sample ID: LCS 880-92683/2-A							Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 92803							Prep Batch: 92683			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1130		mg/Kg		113	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	984.1		mg/Kg		98	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctane	117		70 - 130							
o-Terphenyl	107		70 - 130							

Lab Sample ID: LCSD 880-92683/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 92803							Prep Batch: 92683			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1134		mg/Kg		113	70 - 130	0 20
Diesel Range Organics (Over C10-C28)			1000	950.2		mg/Kg		95	70 - 130	4 20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	114		70 - 130							
o-Terphenyl	103		70 - 130							

Lab Sample ID: 880-49435-A-3-D MS							Client Sample ID: Matrix Spike			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 92803							Prep Batch: 92683			
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	999	816.4		mg/Kg		82	70 - 130	
Diesel Range Organics (Over C10-C28)	169	F1	999	721.4	F1	mg/Kg		55	70 - 130	

QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: 880-49435-A-3-D MS

Matrix: Solid

Analysis Batch: 92803

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 92683

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	74		70 - 130

Lab Sample ID: 880-49435-A-3-E MSD

Matrix: Solid

Analysis Batch: 92803

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 92683

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	999	809.4		mg/Kg		81	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	169	F1	999	738.7	F1	mg/Kg		57	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	75		70 - 130

Lab Sample ID: MB 880-92748/1-A

Matrix: Solid

Analysis Batch: 92805

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92748

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 08:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 08:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/07/24 16:45	10/08/24 08:47	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	108		70 - 130	10/07/24 16:45	10/08/24 08:47	1			
o-Terphenyl	103		70 - 130	10/07/24 16:45	10/08/24 08:47	1			

Lab Sample ID: LCS 880-92748/2-A

Matrix: Solid

Analysis Batch: 92805

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92748

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1170		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1187		mg/Kg		119	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	134	S1+	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-92748/3-A

Matrix: Solid

Analysis Batch: 92805

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92748

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1167		mg/Kg		117	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1100		mg/Kg		110	70 - 130	8	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane		124		70 - 130					
o-Terphenyl		131	S1+	70 - 130					

Lab Sample ID: 890-7215-11 MS

Matrix: Solid

Analysis Batch: 92805

Client Sample ID: S-3

Prep Type: Total/NA

Prep Batch: 92748

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	955.7		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	907.6		mg/Kg		91	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane		111		70 - 130							
o-Terphenyl		115		70 - 130							

Lab Sample ID: 890-7215-11 MSD

Matrix: Solid

Analysis Batch: 92805

Client Sample ID: S-3

Prep Type: Total/NA

Prep Batch: 92748

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	947.8		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	907.7		mg/Kg		91	70 - 130	0	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane		110		70 - 130							
o-Terphenyl		114		70 - 130							

Lab Sample ID: MB 880-92753/1-A

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 12:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 12:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/24 08:26	10/10/24 12:04	1

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-92753/1-A

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 92753

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	10/08/24 08:26	10/10/24 12:04	1
o-Terphenyl	80		70 - 130	10/08/24 08:26	10/10/24 12:04	1

Lab Sample ID: LCS 880-92753/2-A

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 92753

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1274		mg/Kg		127	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1079		mg/Kg		108	70 - 130		
Surrogate										
	LCS	LCS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane	131	S1+	70 - 130							
o-Terphenyl	119		70 - 130							

Lab Sample ID: LCSD 880-92753/3-A

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 92753

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	1284		mg/Kg		128	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)		1000	1096		mg/Kg		110	70 - 130	2	20	
Surrogate											
	LCSD	LCSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	133	S1+	70 - 130								
o-Terphenyl	120		70 - 130								

Lab Sample ID: 890-7215-31 MS

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: H-6

Prep Type: Total/NA

Prep Batch: 92753

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	798.3		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	743.5		mg/Kg		74	70 - 130		
Surrogate											
	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	96		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

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

Lab Sample ID: 890-7215-31 MSD

Matrix: Solid

Analysis Batch: 93004

Client Sample ID: H-6

Prep Type: Total/NA

Prep Batch: 92753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	787.7		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	720.5		mg/Kg		72	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	110		70 - 130								
o-Terphenyl	95		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92759/1-A

Matrix: Solid

Analysis Batch: 92770

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/08/24 12:25	1

Lab Sample ID: LCS 880-92759/2-A

Matrix: Solid

Analysis Batch: 92770

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-92759/3-A

Matrix: Solid

Analysis Batch: 92770

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.5		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-7215-1 MS

Matrix: Solid

Analysis Batch: 92770

Client Sample ID: S-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	21.1		252	269.9		mg/Kg		99	90 - 110

Lab Sample ID: 890-7215-1 MSD

Matrix: Solid

Analysis Batch: 92770

Client Sample ID: S-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	21.1		252	270.0		mg/Kg		99	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-92760/1-A

Matrix: Solid

Analysis Batch: 92774

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/08/24 15:33	1

Lab Sample ID: LCS 880-92760/2-A

Matrix: Solid

Analysis Batch: 92774

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-92760/3-A

Matrix: Solid

Analysis Batch: 92774

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.5		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-7215-11 MS

Matrix: Solid

Analysis Batch: 92774

Client Sample ID: S-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.13		250	255.8		mg/Kg		99	90 - 110

Lab Sample ID: 890-7215-11 MSD

Matrix: Solid

Analysis Batch: 92774

Client Sample ID: S-3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.13		250	256.6		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-7215-21 MS

Matrix: Solid

Analysis Batch: 92774

Client Sample ID: S-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.2		251	269.9		mg/Kg		99	90 - 110

Lab Sample ID: 890-7215-21 MSD

Matrix: Solid

Analysis Batch: 92774

Client Sample ID: S-5

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.2		251	270.2		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-92771/1-A

Matrix: Solid

Analysis Batch: 92779

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/08/24 18:42	1

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-92771/2-A				Client Sample ID: Lab Control Sample						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 92779										
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride			250	251.7		mg/Kg		101	90 - 110	

Lab Sample ID: LCSD 880-92771/3-A				Client Sample ID: Lab Control Sample Dup						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 92779										
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride			250	253.7		mg/Kg		101	90 - 110	1 20

Lab Sample ID: 880-49001-A-3-B MS				Client Sample ID: Matrix Spike						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 92779										
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	47.7		250	308.6		mg/Kg		104	90 - 110	

Lab Sample ID: 880-49001-A-3-C MSD				Client Sample ID: Matrix Spike Duplicate						
Matrix: Solid				Prep Type: Soluble						
Analysis Batch: 92779										
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD Limit
Chloride	47.7		250	310.3		mg/Kg		105	90 - 110	1 20

QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

GC VOA

Prep Batch: 92677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-92677/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 92752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Total/NA	Solid	8021B	92769
890-7215-2	S-1	Total/NA	Solid	8021B	92769
890-7215-3	S-1	Total/NA	Solid	8021B	92769
890-7215-4	S-1	Total/NA	Solid	8021B	92769
890-7215-5	S-1	Total/NA	Solid	8021B	92769
890-7215-6	S-2	Total/NA	Solid	8021B	92769
890-7215-7	S-2	Total/NA	Solid	8021B	92769
890-7215-8	S-2	Total/NA	Solid	8021B	92769
890-7215-9	S-2	Total/NA	Solid	8021B	92769
890-7215-10	S-2	Total/NA	Solid	8021B	92769
890-7215-11	S-3	Total/NA	Solid	8021B	92769
890-7215-12	S-3	Total/NA	Solid	8021B	92769
890-7215-13	S-3	Total/NA	Solid	8021B	92769
890-7215-14	S-3	Total/NA	Solid	8021B	92769
890-7215-15	S-3	Total/NA	Solid	8021B	92769
890-7215-16	S-4	Total/NA	Solid	8021B	92769
890-7215-17	S-4	Total/NA	Solid	8021B	92769
890-7215-18	S-4	Total/NA	Solid	8021B	92769
890-7215-19	S-4	Total/NA	Solid	8021B	92769
890-7215-20	S-4	Total/NA	Solid	8021B	92769
MB 880-92769/5-A	Method Blank	Total/NA	Solid	8021B	92769
LCS 880-92769/1-A	Lab Control Sample	Total/NA	Solid	8021B	92769
LCSD 880-92769/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92769
890-7215-1 MS	S-1	Total/NA	Solid	8021B	92769
890-7215-1 MSD	S-1	Total/NA	Solid	8021B	92769

Analysis Batch: 92754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-21	S-5	Total/NA	Solid	8021B	92782
890-7215-22	S-5	Total/NA	Solid	8021B	92782
890-7215-23	S-5	Total/NA	Solid	8021B	92782
890-7215-24	S-5	Total/NA	Solid	8021B	92782
890-7215-25	S-5	Total/NA	Solid	8021B	92782
890-7215-26	H-1	Total/NA	Solid	8021B	92782
890-7215-27	H-2	Total/NA	Solid	8021B	92782
MB 880-92677/5-A	Method Blank	Total/NA	Solid	8021B	92677
MB 880-92782/5-A	Method Blank	Total/NA	Solid	8021B	92782
LCS 880-92782/1-A	Lab Control Sample	Total/NA	Solid	8021B	92782
LCSD 880-92782/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92782
890-7215-21 MS	S-5	Total/NA	Solid	8021B	92782
890-7215-21 MSD	S-5	Total/NA	Solid	8021B	92782

Prep Batch: 92769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Total/NA	Solid	5035	
890-7215-2	S-1	Total/NA	Solid	5035	
890-7215-3	S-1	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

GC VOA (Continued)

Prep Batch: 92769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-4	S-1	Total/NA	Solid	5035	
890-7215-5	S-1	Total/NA	Solid	5035	
890-7215-6	S-2	Total/NA	Solid	5035	
890-7215-7	S-2	Total/NA	Solid	5035	
890-7215-8	S-2	Total/NA	Solid	5035	
890-7215-9	S-2	Total/NA	Solid	5035	
890-7215-10	S-2	Total/NA	Solid	5035	
890-7215-11	S-3	Total/NA	Solid	5035	
890-7215-12	S-3	Total/NA	Solid	5035	
890-7215-13	S-3	Total/NA	Solid	5035	
890-7215-14	S-3	Total/NA	Solid	5035	
890-7215-15	S-3	Total/NA	Solid	5035	
890-7215-16	S-4	Total/NA	Solid	5035	
890-7215-17	S-4	Total/NA	Solid	5035	
890-7215-18	S-4	Total/NA	Solid	5035	
890-7215-19	S-4	Total/NA	Solid	5035	
890-7215-20	S-4	Total/NA	Solid	5035	
MB 880-92769/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92769/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92769/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7215-1 MS	S-1	Total/NA	Solid	5035	
890-7215-1 MSD	S-1	Total/NA	Solid	5035	

Prep Batch: 92782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-21	S-5	Total/NA	Solid	5035	
890-7215-22	S-5	Total/NA	Solid	5035	
890-7215-23	S-5	Total/NA	Solid	5035	
890-7215-24	S-5	Total/NA	Solid	5035	
890-7215-25	S-5	Total/NA	Solid	5035	
890-7215-26	H-1	Total/NA	Solid	5035	
890-7215-27	H-2	Total/NA	Solid	5035	
MB 880-92782/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92782/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92782/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7215-21 MS	S-5	Total/NA	Solid	5035	
890-7215-21 MSD	S-5	Total/NA	Solid	5035	

Analysis Batch: 92826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-28	H-3	Total/NA	Solid	8021B	92850
890-7215-29	H-4	Total/NA	Solid	8021B	92850
890-7215-30	H-5	Total/NA	Solid	8021B	92850
890-7215-31	H-6	Total/NA	Solid	8021B	92850
MB 880-92850/5-A	Method Blank	Total/NA	Solid	8021B	92850
LCS 880-92850/1-A	Lab Control Sample	Total/NA	Solid	8021B	92850
LCSD 880-92850/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92850
880-49532-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	92850
880-49532-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	92850

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

GC VOA

Analysis Batch: 92845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Total/NA	Solid	Total BTEX	
890-7215-2	S-1	Total/NA	Solid	Total BTEX	
890-7215-3	S-1	Total/NA	Solid	Total BTEX	
890-7215-4	S-1	Total/NA	Solid	Total BTEX	
890-7215-5	S-1	Total/NA	Solid	Total BTEX	
890-7215-6	S-2	Total/NA	Solid	Total BTEX	
890-7215-7	S-2	Total/NA	Solid	Total BTEX	
890-7215-8	S-2	Total/NA	Solid	Total BTEX	
890-7215-9	S-2	Total/NA	Solid	Total BTEX	
890-7215-10	S-2	Total/NA	Solid	Total BTEX	
890-7215-11	S-3	Total/NA	Solid	Total BTEX	
890-7215-12	S-3	Total/NA	Solid	Total BTEX	
890-7215-13	S-3	Total/NA	Solid	Total BTEX	
890-7215-14	S-3	Total/NA	Solid	Total BTEX	
890-7215-15	S-3	Total/NA	Solid	Total BTEX	
890-7215-16	S-4	Total/NA	Solid	Total BTEX	
890-7215-17	S-4	Total/NA	Solid	Total BTEX	
890-7215-18	S-4	Total/NA	Solid	Total BTEX	
890-7215-19	S-4	Total/NA	Solid	Total BTEX	
890-7215-20	S-4	Total/NA	Solid	Total BTEX	
890-7215-21	S-5	Total/NA	Solid	Total BTEX	
890-7215-22	S-5	Total/NA	Solid	Total BTEX	
890-7215-23	S-5	Total/NA	Solid	Total BTEX	
890-7215-24	S-5	Total/NA	Solid	Total BTEX	
890-7215-25	S-5	Total/NA	Solid	Total BTEX	
890-7215-26	H-1	Total/NA	Solid	Total BTEX	
890-7215-27	H-2	Total/NA	Solid	Total BTEX	
890-7215-28	H-3	Total/NA	Solid	Total BTEX	
890-7215-29	H-4	Total/NA	Solid	Total BTEX	
890-7215-30	H-5	Total/NA	Solid	Total BTEX	
890-7215-31	H-6	Total/NA	Solid	Total BTEX	

Prep Batch: 92850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-28	H-3	Total/NA	Solid	5035	
890-7215-29	H-4	Total/NA	Solid	5035	
890-7215-30	H-5	Total/NA	Solid	5035	
890-7215-31	H-6	Total/NA	Solid	5035	
MB 880-92850/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92850/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92850/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49532-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-49532-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 92683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Total/NA	Solid	8015NM Prep	
890-7215-2	S-1	Total/NA	Solid	8015NM Prep	
890-7215-3	S-1	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 92683 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-4	S-1	Total/NA	Solid	8015NM Prep	
890-7215-5	S-1	Total/NA	Solid	8015NM Prep	
890-7215-6	S-2	Total/NA	Solid	8015NM Prep	
890-7215-7	S-2	Total/NA	Solid	8015NM Prep	
890-7215-8	S-2	Total/NA	Solid	8015NM Prep	
890-7215-9	S-2	Total/NA	Solid	8015NM Prep	
890-7215-10	S-2	Total/NA	Solid	8015NM Prep	
MB 880-92683/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92683/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49435-A-3-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-49435-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 92748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-11	S-3	Total/NA	Solid	8015NM Prep	
890-7215-12	S-3	Total/NA	Solid	8015NM Prep	
890-7215-13	S-3	Total/NA	Solid	8015NM Prep	
890-7215-14	S-3	Total/NA	Solid	8015NM Prep	
890-7215-15	S-3	Total/NA	Solid	8015NM Prep	
890-7215-16	S-4	Total/NA	Solid	8015NM Prep	
890-7215-17	S-4	Total/NA	Solid	8015NM Prep	
890-7215-18	S-4	Total/NA	Solid	8015NM Prep	
890-7215-19	S-4	Total/NA	Solid	8015NM Prep	
890-7215-20	S-4	Total/NA	Solid	8015NM Prep	
890-7215-21	S-5	Total/NA	Solid	8015NM Prep	
890-7215-22	S-5	Total/NA	Solid	8015NM Prep	
890-7215-23	S-5	Total/NA	Solid	8015NM Prep	
890-7215-24	S-5	Total/NA	Solid	8015NM Prep	
890-7215-25	S-5	Total/NA	Solid	8015NM Prep	
890-7215-26	H-1	Total/NA	Solid	8015NM Prep	
890-7215-27	H-2	Total/NA	Solid	8015NM Prep	
890-7215-28	H-3	Total/NA	Solid	8015NM Prep	
890-7215-29	H-4	Total/NA	Solid	8015NM Prep	
MB 880-92748/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92748/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92748/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7215-11 MS	S-3	Total/NA	Solid	8015NM Prep	
890-7215-11 MSD	S-3	Total/NA	Solid	8015NM Prep	

Prep Batch: 92753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-30	H-5	Total/NA	Solid	8015NM Prep	
890-7215-31	H-6	Total/NA	Solid	8015NM Prep	
MB 880-92753/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92753/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92753/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7215-31 MS	H-6	Total/NA	Solid	8015NM Prep	
890-7215-31 MSD	H-6	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

GC Semi VOA

Analysis Batch: 92803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Total/NA	Solid	8015B NM	92683
890-7215-2	S-1	Total/NA	Solid	8015B NM	92683
890-7215-3	S-1	Total/NA	Solid	8015B NM	92683
890-7215-4	S-1	Total/NA	Solid	8015B NM	92683
890-7215-5	S-1	Total/NA	Solid	8015B NM	92683
890-7215-6	S-2	Total/NA	Solid	8015B NM	92683
890-7215-7	S-2	Total/NA	Solid	8015B NM	92683
890-7215-8	S-2	Total/NA	Solid	8015B NM	92683
890-7215-9	S-2	Total/NA	Solid	8015B NM	92683
890-7215-10	S-2	Total/NA	Solid	8015B NM	92683
MB 880-92683/1-A	Method Blank	Total/NA	Solid	8015B NM	92683
LCS 880-92683/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92683
LCSD 880-92683/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92683
880-49435-A-3-D MS	Matrix Spike	Total/NA	Solid	8015B NM	92683
880-49435-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	92683

Analysis Batch: 92805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-11	S-3	Total/NA	Solid	8015B NM	92748
890-7215-12	S-3	Total/NA	Solid	8015B NM	92748
890-7215-13	S-3	Total/NA	Solid	8015B NM	92748
890-7215-14	S-3	Total/NA	Solid	8015B NM	92748
890-7215-15	S-3	Total/NA	Solid	8015B NM	92748
890-7215-16	S-4	Total/NA	Solid	8015B NM	92748
890-7215-17	S-4	Total/NA	Solid	8015B NM	92748
890-7215-18	S-4	Total/NA	Solid	8015B NM	92748
890-7215-19	S-4	Total/NA	Solid	8015B NM	92748
890-7215-20	S-4	Total/NA	Solid	8015B NM	92748
890-7215-21	S-5	Total/NA	Solid	8015B NM	92748
890-7215-22	S-5	Total/NA	Solid	8015B NM	92748
890-7215-23	S-5	Total/NA	Solid	8015B NM	92748
890-7215-24	S-5	Total/NA	Solid	8015B NM	92748
890-7215-25	S-5	Total/NA	Solid	8015B NM	92748
890-7215-26	H-1	Total/NA	Solid	8015B NM	92748
890-7215-27	H-2	Total/NA	Solid	8015B NM	92748
890-7215-28	H-3	Total/NA	Solid	8015B NM	92748
890-7215-29	H-4	Total/NA	Solid	8015B NM	92748
MB 880-92748/1-A	Method Blank	Total/NA	Solid	8015B NM	92748
LCS 880-92748/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92748
LCSD 880-92748/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92748
890-7215-11 MS	S-3	Total/NA	Solid	8015B NM	92748
890-7215-11 MSD	S-3	Total/NA	Solid	8015B NM	92748

Analysis Batch: 92907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Total/NA	Solid	8015 NM	
890-7215-2	S-1	Total/NA	Solid	8015 NM	
890-7215-3	S-1	Total/NA	Solid	8015 NM	
890-7215-4	S-1	Total/NA	Solid	8015 NM	
890-7215-5	S-1	Total/NA	Solid	8015 NM	
890-7215-6	S-2	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 92907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-7	S-2	Total/NA	Solid	8015 NM	
890-7215-8	S-2	Total/NA	Solid	8015 NM	
890-7215-9	S-2	Total/NA	Solid	8015 NM	
890-7215-10	S-2	Total/NA	Solid	8015 NM	
890-7215-11	S-3	Total/NA	Solid	8015 NM	
890-7215-12	S-3	Total/NA	Solid	8015 NM	
890-7215-13	S-3	Total/NA	Solid	8015 NM	
890-7215-14	S-3	Total/NA	Solid	8015 NM	
890-7215-15	S-3	Total/NA	Solid	8015 NM	
890-7215-16	S-4	Total/NA	Solid	8015 NM	
890-7215-17	S-4	Total/NA	Solid	8015 NM	
890-7215-18	S-4	Total/NA	Solid	8015 NM	
890-7215-19	S-4	Total/NA	Solid	8015 NM	
890-7215-20	S-4	Total/NA	Solid	8015 NM	
890-7215-21	S-5	Total/NA	Solid	8015 NM	
890-7215-22	S-5	Total/NA	Solid	8015 NM	
890-7215-23	S-5	Total/NA	Solid	8015 NM	
890-7215-24	S-5	Total/NA	Solid	8015 NM	
890-7215-25	S-5	Total/NA	Solid	8015 NM	
890-7215-26	H-1	Total/NA	Solid	8015 NM	
890-7215-27	H-2	Total/NA	Solid	8015 NM	
890-7215-28	H-3	Total/NA	Solid	8015 NM	
890-7215-29	H-4	Total/NA	Solid	8015 NM	
890-7215-30	H-5	Total/NA	Solid	8015 NM	
890-7215-31	H-6	Total/NA	Solid	8015 NM	

Analysis Batch: 93004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-30	H-5	Total/NA	Solid	8015B NM	92753
890-7215-31	H-6	Total/NA	Solid	8015B NM	92753
MB 880-92753/1-A	Method Blank	Total/NA	Solid	8015B NM	92753
LCS 880-92753/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92753
LCSD 880-92753/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92753
890-7215-31 MS	H-6	Total/NA	Solid	8015B NM	92753
890-7215-31 MSD	H-6	Total/NA	Solid	8015B NM	92753

HPLC/IC

Leach Batch: 92759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Soluble	Solid	DI Leach	
890-7215-2	S-1	Soluble	Solid	DI Leach	
890-7215-3	S-1	Soluble	Solid	DI Leach	
890-7215-4	S-1	Soluble	Solid	DI Leach	
890-7215-5	S-1	Soluble	Solid	DI Leach	
890-7215-6	S-2	Soluble	Solid	DI Leach	
890-7215-7	S-2	Soluble	Solid	DI Leach	
890-7215-8	S-2	Soluble	Solid	DI Leach	
890-7215-9	S-2	Soluble	Solid	DI Leach	
890-7215-10	S-2	Soluble	Solid	DI Leach	
MB 880-92759/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 92759 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-92759/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92759/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7215-1 MS	S-1	Soluble	Solid	DI Leach	
890-7215-1 MSD	S-1	Soluble	Solid	DI Leach	

Leach Batch: 92760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-11	S-3	Soluble	Solid	DI Leach	
890-7215-12	S-3	Soluble	Solid	DI Leach	
890-7215-13	S-3	Soluble	Solid	DI Leach	
890-7215-14	S-3	Soluble	Solid	DI Leach	
890-7215-15	S-3	Soluble	Solid	DI Leach	
890-7215-16	S-4	Soluble	Solid	DI Leach	
890-7215-17	S-4	Soluble	Solid	DI Leach	
890-7215-18	S-4	Soluble	Solid	DI Leach	
890-7215-19	S-4	Soluble	Solid	DI Leach	
890-7215-20	S-4	Soluble	Solid	DI Leach	
890-7215-21	S-5	Soluble	Solid	DI Leach	
890-7215-22	S-5	Soluble	Solid	DI Leach	
890-7215-23	S-5	Soluble	Solid	DI Leach	
890-7215-24	S-5	Soluble	Solid	DI Leach	
890-7215-25	S-5	Soluble	Solid	DI Leach	
890-7215-26	H-1	Soluble	Solid	DI Leach	
890-7215-27	H-2	Soluble	Solid	DI Leach	
890-7215-28	H-3	Soluble	Solid	DI Leach	
890-7215-29	H-4	Soluble	Solid	DI Leach	
890-7215-30	H-5	Soluble	Solid	DI Leach	
MB 880-92760/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92760/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92760/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7215-11 MS	S-3	Soluble	Solid	DI Leach	
890-7215-11 MSD	S-3	Soluble	Solid	DI Leach	
890-7215-21 MS	S-5	Soluble	Solid	DI Leach	
890-7215-21 MSD	S-5	Soluble	Solid	DI Leach	

Analysis Batch: 92770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1	S-1	Soluble	Solid	300.0	92759
890-7215-2	S-1	Soluble	Solid	300.0	92759
890-7215-3	S-1	Soluble	Solid	300.0	92759
890-7215-4	S-1	Soluble	Solid	300.0	92759
890-7215-5	S-1	Soluble	Solid	300.0	92759
890-7215-6	S-2	Soluble	Solid	300.0	92759
890-7215-7	S-2	Soluble	Solid	300.0	92759
890-7215-8	S-2	Soluble	Solid	300.0	92759
890-7215-9	S-2	Soluble	Solid	300.0	92759
890-7215-10	S-2	Soluble	Solid	300.0	92759
MB 880-92759/1-A	Method Blank	Soluble	Solid	300.0	92759
LCS 880-92759/2-A	Lab Control Sample	Soluble	Solid	300.0	92759
LCSD 880-92759/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92759
890-7215-1 MS	S-1	Soluble	Solid	300.0	92759

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 92770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-1 MSD	S-1	Soluble	Solid	300.0	92759

Leach Batch: 92771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-31	H-6	Soluble	Solid	DI Leach	
MB 880-92771/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92771/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92771/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49001-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-49001-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 92774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-11	S-3	Soluble	Solid	300.0	92760
890-7215-12	S-3	Soluble	Solid	300.0	92760
890-7215-13	S-3	Soluble	Solid	300.0	92760
890-7215-14	S-3	Soluble	Solid	300.0	92760
890-7215-15	S-3	Soluble	Solid	300.0	92760
890-7215-16	S-4	Soluble	Solid	300.0	92760
890-7215-17	S-4	Soluble	Solid	300.0	92760
890-7215-18	S-4	Soluble	Solid	300.0	92760
890-7215-19	S-4	Soluble	Solid	300.0	92760
890-7215-20	S-4	Soluble	Solid	300.0	92760
890-7215-21	S-5	Soluble	Solid	300.0	92760
890-7215-22	S-5	Soluble	Solid	300.0	92760
890-7215-23	S-5	Soluble	Solid	300.0	92760
890-7215-24	S-5	Soluble	Solid	300.0	92760
890-7215-25	S-5	Soluble	Solid	300.0	92760
890-7215-26	H-1	Soluble	Solid	300.0	92760
890-7215-27	H-2	Soluble	Solid	300.0	92760
890-7215-28	H-3	Soluble	Solid	300.0	92760
890-7215-29	H-4	Soluble	Solid	300.0	92760
890-7215-30	H-5	Soluble	Solid	300.0	92760
MB 880-92760/1-A	Method Blank	Soluble	Solid	300.0	92760
LCS 880-92760/2-A	Lab Control Sample	Soluble	Solid	300.0	92760
LCSD 880-92760/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92760
890-7215-11 MS	S-3	Soluble	Solid	300.0	92760
890-7215-11 MSD	S-3	Soluble	Solid	300.0	92760
890-7215-21 MS	S-5	Soluble	Solid	300.0	92760
890-7215-21 MSD	S-5	Soluble	Solid	300.0	92760

Analysis Batch: 92779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7215-31	H-6	Soluble	Solid	300.0	92771
MB 880-92771/1-A	Method Blank	Soluble	Solid	300.0	92771
LCS 880-92771/2-A	Lab Control Sample	Soluble	Solid	300.0	92771
LCSD 880-92771/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92771
880-49001-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	92771
880-49001-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92771

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-1
Date Collected: 10/07/24 08:00
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 12:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 21:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 21:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 13:56	CH	EET MID

Client Sample ID: S-1
Date Collected: 10/07/24 08:03
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 12:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 21:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 21:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 14:13	CH	EET MID

Client Sample ID: S-1
Date Collected: 10/07/24 08:06
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 13:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 13:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 22:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 22:04	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 14:18	CH	EET MID

Client Sample ID: S-1
Date Collected: 10/07/24 08:09
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 13:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 13:49	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-1
Date Collected: 10/07/24 08:09
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			92907	10/08/24 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 22:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 14:34	CH	EET MID

Client Sample ID: S-1
Date Collected: 10/07/24 08:12
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 22:36	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 14:40	CH	EET MID

Client Sample ID: S-2
Date Collected: 10/07/24 08:15
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 14:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92770	10/08/24 14:45	CH	EET MID

Client Sample ID: S-2
Date Collected: 10/07/24 08:18
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 23:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 23:06	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-2

Date Collected: 10/07/24 08:18

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 14:50	CH	EET MID

Client Sample ID: S-2

Date Collected: 10/07/24 08:21

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-8

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	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 15:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 15:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 23:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 23:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 14:56	CH	EET MID

Client Sample ID: S-2

Date Collected: 10/07/24 08:24

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 16:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 16:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 23:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 23:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 15:01	CH	EET MID

Client Sample ID: S-2

Date Collected: 10/07/24 08:27

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-10

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			5.03 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 16:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 23:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92683	10/07/24 11:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92803	10/08/24 23:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92759	10/08/24 08:56	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92770	10/08/24 15:06	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-3

Date Collected: 10/07/24 08:30

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 18:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 18:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 18:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 18:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 15:50	CH	EET MID

Client Sample ID: S-3

Date Collected: 10/07/24 08:33

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 18:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 18:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 18:59	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:06	CH	EET MID

Client Sample ID: S-3

Date Collected: 10/07/24 08:36

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 19:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 19:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 19:15	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:11	CH	EET MID

Client Sample ID: S-3

Date Collected: 10/07/24 08:39

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 19:36	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-3

Date Collected: 10/07/24 08:39

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-14

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			92907	10/08/24 19:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 19:30	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:17	CH	EET MID

Client Sample ID: S-3

Date Collected: 10/07/24 08:42

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-15

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			4.97 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 20:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 19:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 19:45	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:22	CH	EET MID

Client Sample ID: S-4

Date Collected: 10/07/24 08:45

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 20:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 20:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 20:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 20:01	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:38	CH	EET MID

Client Sample ID: S-4

Date Collected: 10/07/24 08:48

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-17

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			4.97 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 20:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 20:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 20:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 20:16	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-4
Date Collected: 10/07/24 08:48
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:44	CH	EET MID

Client Sample ID: S-4
Date Collected: 10/07/24 08:51
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 21:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 21:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 20:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 20:31	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:49	CH	EET MID

Client Sample ID: S-4
Date Collected: 10/07/24 08:54
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 21:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 21:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 20:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 20:47	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 16:54	CH	EET MID

Client Sample ID: S-4
Date Collected: 10/07/24 08:57
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	92769	10/08/24 10:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92752	10/08/24 22:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 22:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 21:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 21:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 17:00	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-5
Date Collected: 10/07/24 09:00
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	92782	10/08/24 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92754	10/08/24 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/08/24 23:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 21:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 21:32	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 17:05	CH	EET MID

Client Sample ID: S-5
Date Collected: 10/07/24 09:03
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92782	10/08/24 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92754	10/09/24 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 00:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 21:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 21:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 17:21	CH	EET MID

Client Sample ID: S-5
Date Collected: 10/07/24 09:06
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92782	10/08/24 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92754	10/09/24 00:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 00:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 22:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 22:04	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 17:27	CH	EET MID

Client Sample ID: S-5
Date Collected: 10/07/24 09:09
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	92782	10/08/24 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92754	10/09/24 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 00:54	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: S-5
Date Collected: 10/07/24 09:09
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-24
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			92907	10/08/24 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 22:20	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 17:43	CH	EET MID

Client Sample ID: S-5
Date Collected: 10/07/24 09:12
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-25
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			4.98 g	5 mL	92782	10/08/24 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92754	10/09/24 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 01:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 22:36	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 17:48	CH	EET MID

Client Sample ID: H-1
Date Collected: 10/07/24 09:15
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-26
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			5.02 g	5 mL	92782	10/08/24 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92754	10/09/24 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 01:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 17:54	CH	EET MID

Client Sample ID: H-2
Date Collected: 10/07/24 09:18
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-27
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			5.02 g	5 mL	92782	10/08/24 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92754	10/09/24 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 01:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 23:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 23:06	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: H-2

Date Collected: 10/07/24 09:18

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	92774	10/08/24 17:59	CH	EET MID

Client Sample ID: H-3

Date Collected: 10/07/24 09:21

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 12:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 23:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 23:22	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 18:05	CH	EET MID

Client Sample ID: H-4

Date Collected: 10/07/24 09:24

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 13:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/08/24 23:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92748	10/07/24 16:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92805	10/08/24 23:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 18:10	CH	EET MID

Client Sample ID: H-5

Date Collected: 10/07/24 09:27

Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 13:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/10/24 19:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 19:29	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	92760	10/08/24 08:58	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92774	10/08/24 18:15	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Client Sample ID: H-6
Date Collected: 10/07/24 09:30
Date Received: 10/07/24 13:27

Lab Sample ID: 890-7215-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	92850	10/09/24 09:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92826	10/09/24 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92845	10/09/24 13:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			92907	10/10/24 18:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	92753	10/08/24 08:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93004	10/10/24 18:43	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92771	10/08/24 10:41	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	92779	10/08/24 21:19	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: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7215-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7215-1	S-1	Solid	10/07/24 08:00	10/07/24 13:27	0-6"
890-7215-2	S-1	Solid	10/07/24 08:03	10/07/24 13:27	1-1.5'
890-7215-3	S-1	Solid	10/07/24 08:06	10/07/24 13:27	2-2.5'
890-7215-4	S-1	Solid	10/07/24 08:09	10/07/24 13:27	3-3.5'
890-7215-5	S-1	Solid	10/07/24 08:12	10/07/24 13:27	4-4.5'
890-7215-6	S-2	Solid	10/07/24 08:15	10/07/24 13:27	0-6"
890-7215-7	S-2	Solid	10/07/24 08:18	10/07/24 13:27	1-1.5'
890-7215-8	S-2	Solid	10/07/24 08:21	10/07/24 13:27	2-2.5'
890-7215-9	S-2	Solid	10/07/24 08:24	10/07/24 13:27	3-3.5'
890-7215-10	S-2	Solid	10/07/24 08:27	10/07/24 13:27	4-4.5'
890-7215-11	S-3	Solid	10/07/24 08:30	10/07/24 13:27	0-6"
890-7215-12	S-3	Solid	10/07/24 08:33	10/07/24 13:27	1-1.5'
890-7215-13	S-3	Solid	10/07/24 08:36	10/07/24 13:27	2-2.5'
890-7215-14	S-3	Solid	10/07/24 08:39	10/07/24 13:27	3-3.5'
890-7215-15	S-3	Solid	10/07/24 08:42	10/07/24 13:27	4-4.5'
890-7215-16	S-4	Solid	10/07/24 08:45	10/07/24 13:27	0-6"
890-7215-17	S-4	Solid	10/07/24 08:48	10/07/24 13:27	1-1.5'
890-7215-18	S-4	Solid	10/07/24 08:51	10/07/24 13:27	2-2.5'
890-7215-19	S-4	Solid	10/07/24 08:54	10/07/24 13:27	3-3.5'
890-7215-20	S-4	Solid	10/07/24 08:57	10/07/24 13:27	4-4.5'
890-7215-21	S-5	Solid	10/07/24 09:00	10/07/24 13:27	0-6"
890-7215-22	S-5	Solid	10/07/24 09:03	10/07/24 13:27	1-1.5'
890-7215-23	S-5	Solid	10/07/24 09:06	10/07/24 13:27	2-2.5'
890-7215-24	S-5	Solid	10/07/24 09:09	10/07/24 13:27	3-3.5'
890-7215-25	S-5	Solid	10/07/24 09:12	10/07/24 13:27	4-4.5'
890-7215-26	H-1	Solid	10/07/24 09:15	10/07/24 13:27	0-6"
890-7215-27	H-2	Solid	10/07/24 09:18	10/07/24 13:27	0-6"
890-7215-28	H-3	Solid	10/07/24 09:21	10/07/24 13:27	0-6"
890-7215-29	H-4	Solid	10/07/24 09:24	10/07/24 13:27	0-6"
890-7215-30	H-5	Solid	10/07/24 09:27	10/07/24 13:27	0-6"
890-7215-31	H-6	Solid	10/07/24 09:30	10/07/24 13:27	0-6"



Chain of Custody

Work Order No: _____

Page 1 of 4

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

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

Project Name:				Basilisk State Com 1H				Turn Around				Pres. Code				ANALYSIS REQUEST												Preservative Codes																			
Project Number:				248764				☒ Routine ☐ Rush																None: NO				DI Water: H ₂ O																			
Project Location:				Eddy Co, 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 #				P00306769																												H ₂ SO ₄ : H ₂				NaOH: Na											
SAMPLE RECEIPT				Temp Blank:				☒ Yes ☐ No				Wet Ice:				☒ Yes ☐ No																				H ₃ PO ₄ : HP											
Received Intact:				☒ Yes ☐ No				Thermometer ID:				TMA007																								NaHSO ₄ : NABIS											
Cooler Custody Seals:				Yes ☐ No ☒ N/A				Correction Factor:				-0.2																																			
Sample Custody Seals:				Yes ☐ No ☒ N/A				Temperature Reading:				3.9																												Zn Acetate+NaOH: Zn							
Total Containers:				31				Corrected Temperature:				2.8																												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments																			
S-1		0-6"		10/7/2024		8:00		X				Grab		1		BTX 8021B																															
S-1		1-1.5'		10/7/2024		8:03		X				Grab		1		TPH 8015M (GRO + DRO + MRO)																															
S-1		2-2.5'		10/7/2024		8:06		X				Grab		1		Chloride 4500																															
S-1		3-3.5'		10/7/2024		8:09		X				Grab		1																																	
S-1		4-4.5'		10/7/2024		8:12		X				Grab		1																																	
S-2		0-6"		10/7/2024		8:15		X				Grab		1																																	
S-2		1-1.5'		10/7/2024		8:18		X				Grab		1																																	
S-2		2-2.5'		10/7/2024		8:21		X				Grab		1																																	
S-2		3-3.5'		10/7/2024		8:24		X				Grab		1																																	
S-2		4-4.5'		10/7/2024		8:27		X				Grab		1																																	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		13.2.27 10-7			
3		4			
5		6			



Chain of Custody

Work Order No: _____

Page 2 of 4

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

Work Order Comments	
Program: 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:	Basilisk State Com 1H		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	248764		☒ Routine	☐ Rush														None: NO	DI Water: H ₂ O				
Project Location:	Eddy Co, NM		Due Date:														Cool: Cool	MeOH: Me					
Sampler's Name:	Clayton Turnas		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN					
PO #:	P00306769																H ₂ SO ₄ : H ₂	NaOH: Na					
SAMPLE RECEIPT					Temp Blank:		Yes	No	Wet Ice:	Yes	No											H ₃ PO ₄ : HP	
Received Inact:					Yes		No	Thermometer ID:											NaHSO ₄ : NABIS				
Cooler Custody Seals:					Yes		No	Correction Factor:											Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:					Yes		No	Temperature Reading:											Zn Acetate+NaOH: Zn				
Total Containers:					31		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC				
																			Sample Comments				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters															
S-3	0-6"	10/7/2024	8:30	X		Grab	1	BTEX 8021B															
S-3	1-1.5'	10/7/2024	8:33	X		Grab	1	TPH 8015M (GRO + DRO + MRO)															
S-3	2-2.5'	10/7/2024	8:36	X		Grab	1	Chloride 4500															
S-3	3-3.5'	10/7/2024	8:39	X		Grab	1																
S-3	4-4.5'	10/7/2024	8:42	X		Grab	1																
S-4	0-6"	10/7/2024	8:45	X		Grab	1																
S-4	1-1.5'	10/7/2024	8:48	X		Grab	1																
S-4	2-2.5'	10/7/2024	8:51	X		Grab	1																
S-4	3-3.5'	10/7/2024	8:54	X		Grab	1																
S-4	4-4.5'	10/7/2024	8:57	X		Grab	1																

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11:27 10-7			



Chain of Custody

Work Order No: _____

Page 3 of 4

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

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

Project Name:	Basilisk State Com 1H	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes					
Project Number:	248764																None: NO	DI Water: H ₂ O			
Project Location:	Eddy Co, NM	Due Date:															Cool: Cool	MeOH: Me			
Sampler's Name:	Clayton Turnas																HCL: HC	HNO ₃ : HN			
PO #:	PO0306769																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:	31	Corrected Temperature:												Zn Acetate+NaOH: Zn							
																				NaOH+Ascorbic Acid: SAPC	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH										Sample Comments
S-5	0-6"	10/7/2024	9:00	X		Grab	1	X	X	X								
S-5	1-1.5'	10/7/2024	9:03	X		Grab	1	X	X	X								
S-5	2-2.5'	10/7/2024	9:06	X		Grab	1	X	X	X								
S-5	3-3.5'	10/7/2024	9:09	X		Grab	1	X	X	X								
S-5	4-4.5'	10/7/2024	9:12	X		Grab	1	X	X	X								
H-1	0-6"	10/7/2024	9:15	X		Grab	1	X	X	X								
H-2	0-6"	10/7/2024	9:18	X		Grab	1	X	X	X								
H-3	0-6"	10/7/2024	9:21	X		Grab	1	X	X	X								
H-4	0-6"	10/7/2024	9:24	X		Grab	1	X	X	X								
H-5	0-6"	10/7/2024	9:27	X		Grab	1	X	X	X								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/7/2024			



Chain of Custody

Work Order No:

Page 4 of 4

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

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

[illegible]

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 \$86.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		12-27 10/12			
2 					
3 					
4 					
5 					
6 					

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7215-1
SDG Number: Eddy County NM
List Source: Eurofins Carlsbad

Login Number: 7215
List Number: 1
Creator: Lopez, Abraham

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: 890-7215-1

SDG Number: Eddy County NM

Login Number: 7215

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 10/08/24 07:43 AM

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



Environment Testing

- 1
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ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 11/1/2024 6:24:18 PM

JOB DESCRIPTION

BASILISK STATE COM 1 H
248764

JOB NUMBER

890-7321-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
11/1/2024 6:24:18 PM

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

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Laboratory Job ID: 890-7321-1
SDG: 248764

Table of Contents

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Definitions/Glossary

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

Qualifiers

GC VOA

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

Glossary

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

Case Narrative

Client: NT Global
Project: BASILISK STATE COM 1 H

Job ID: 890-7321-1

Job ID: 890-7321-1

Eurofins Carlsbad

Job Narrative 890-7321-1

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

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

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

Receipt

The samples were received on 10/30/2024 3:49 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H - 2A (0' - .5') (890-7321-1) and H - 2B (0' - .5') (890-7321-2).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-94523 and analytical batch 880-94538 was outside the upper control limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-94523/2-A) and (LCSD 880-94523/3-A). Percent recoveries are based on the amount spiked.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-94515 and analytical batch 880-94530 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

Client Sample ID: H - 2A (0' - .5')

Lab Sample ID: 890-7321-1

Date Collected: 10/30/24 09:00

Matrix: Solid

Date Received: 10/30/24 15:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/31/24 08:40	10/31/24 11:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/31/24 08:40	10/31/24 11:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/31/24 08:40	10/31/24 11:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/31/24 08:40	10/31/24 11:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/31/24 08:40	10/31/24 11:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/31/24 08:40	10/31/24 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/31/24 08:40	10/31/24 11:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/31/24 08:40	10/31/24 11:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/31/24 11:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/31/24 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/31/24 13:33	10/31/24 15:58	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/31/24 13:33	10/31/24 15:58	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/31/24 13:33	10/31/24 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	10/31/24 13:33	10/31/24 15:58	1
o-Terphenyl	92		70 - 130	10/31/24 13:33	10/31/24 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	519		9.94		mg/Kg			10/31/24 21:20	1

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Surrogate Summary

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

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)
880-50461-A-1-C MS	Matrix Spike	99	100
880-50461-A-1-D MSD	Matrix Spike Duplicate	99	100
890-7321-1	H - 2A (0' - .5')	114	96
LCS 880-94487/1-A	Lab Control Sample	97	101
LCSD 880-94487/2-A	Lab Control Sample Dup	103	105
MB 880-94487/5-A	Method Blank	115	91
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)
880-50461-A-1-G MS	Matrix Spike	89	92
880-50461-A-1-H MSD	Matrix Spike Duplicate	89	90
890-7321-1	H - 2A (0' - .5')	102	92
LCS 880-94523/2-A	Lab Control Sample	172 S1+	176 S1+
LCSD 880-94523/3-A	Lab Control Sample Dup	172 S1+	175 S1+
MB 880-94523/1-A	Method Blank	139 S1+	132 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94487/5-A

Matrix: Solid

Analysis Batch: 94482

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/31/24 08:40	10/31/24 10:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/31/24 08:40	10/31/24 10:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/31/24 08:40	10/31/24 10:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/31/24 08:40	10/31/24 10:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/31/24 08:40	10/31/24 10:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/31/24 08:40	10/31/24 10:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/31/24 08:40	10/31/24 10:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/31/24 08:40	10/31/24 10:55	1

Lab Sample ID: LCS 880-94487/1-A

Matrix: Solid

Analysis Batch: 94482

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94487

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1078		mg/Kg		108	70 - 130
Toluene	0.100	0.1076		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2061		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1034		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-94487/2-A

Matrix: Solid

Analysis Batch: 94482

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94487

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1146		mg/Kg		115	70 - 130	6	35
Toluene	0.100	0.1133		mg/Kg		113	70 - 130	5	35
Ethylbenzene	0.100	0.1106		mg/Kg		111	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2180		mg/Kg		109	70 - 130	6	35
o-Xylene	0.100	0.1090		mg/Kg		109	70 - 130	5	35

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

Lab Sample ID: 880-50461-A-1-C MS

Matrix: Solid

Analysis Batch: 94482

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1069		mg/Kg		107	70 - 130
Toluene	<0.00200	U	0.100	0.1072		mg/Kg		107	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

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

Lab Sample ID: 880-50461-A-1-C MS
Matrix: Solid
Analysis Batch: 94482

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1008		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1979		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09846		mg/Kg		98	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 880-50461-A-1-D MSD
Matrix: Solid
Analysis Batch: 94482

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94487

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	0.1080		mg/Kg		108	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.1094		mg/Kg		109	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.1036		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2036		mg/Kg		102	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1019		mg/Kg		102	70 - 130	3	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

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

Lab Sample ID: MB 880-94523/1-A
Matrix: Solid
Analysis Batch: 94538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94523

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/31/24 09:00	10/31/24 09:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/31/24 09:00	10/31/24 09:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/31/24 09:00	10/31/24 09:52	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	139	S1+	70 - 130						
o-Terphenyl	132	S1+	70 - 130						

Lab Sample ID: LCS 880-94523/2-A
Matrix: Solid
Analysis Batch: 94538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94523

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1087		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1107		mg/Kg		111	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

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

Lab Sample ID: LCS 880-94523/2-A
Matrix: Solid
Analysis Batch: 94538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94523

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	172	S1+	70 - 130
o-Terphenyl	176	S1+	70 - 130

Lab Sample ID: LCSD 880-94523/3-A
Matrix: Solid
Analysis Batch: 94538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94523

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1129		mg/Kg		113	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1064		mg/Kg		106	70 - 130	4	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	172	S1+	70 - 130
o-Terphenyl	175	S1+	70 - 130

Lab Sample ID: 880-50461-A-1-G MS
Matrix: Solid
Analysis Batch: 94538

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	868.3		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	949.0		mg/Kg		95	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 880-50461-A-1-H MSD
Matrix: Solid
Analysis Batch: 94538

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94523

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	1000	873.0		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	937.9		mg/Kg		94	70 - 130	1	20

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

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QC Sample Results

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94515/1-A

Matrix: Solid

Analysis Batch: 94530

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			10/31/24 16:43	1

Lab Sample ID: LCS 880-94515/2-A

Matrix: Solid

Analysis Batch: 94530

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.0		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-94515/3-A

Matrix: Solid

Analysis Batch: 94530

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	257.9		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-50476-A-48-B MS

Matrix: Solid

Analysis Batch: 94530

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5340	F1	2530	8492	F1	mg/Kg		125	90 - 110

Lab Sample ID: 880-50476-A-48-C MSD

Matrix: Solid

Analysis Batch: 94530

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5340	F1	2530	8672	F1	mg/Kg		132	90 - 110	2	20

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QC Association Summary

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

GC VOA

Analysis Batch: 94482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Total/NA	Solid	8021B	94487
MB 880-94487/5-A	Method Blank	Total/NA	Solid	8021B	94487
LCS 880-94487/1-A	Lab Control Sample	Total/NA	Solid	8021B	94487
LCSD 880-94487/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94487
880-50461-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	94487
880-50461-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94487

Prep Batch: 94487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Total/NA	Solid	5035	
MB 880-94487/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94487/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94487/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50461-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-50461-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 94658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 94523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Total/NA	Solid	8015NM Prep	
MB 880-94523/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94523/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94523/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50461-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-50461-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 94538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Total/NA	Solid	8015B NM	94523
MB 880-94523/1-A	Method Blank	Total/NA	Solid	8015B NM	94523
LCS 880-94523/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94523
LCSD 880-94523/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94523
880-50461-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	94523
880-50461-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	94523

Analysis Batch: 94612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 94515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Soluble	Solid	DI Leach	
MB 880-94515/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94515/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94515/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

HPLC/IC (Continued)

Leach Batch: 94515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-50476-A-48-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-50476-A-48-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 94530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7321-1	H - 2A (0' - .5')	Soluble	Solid	300.0	94515
MB 880-94515/1-A	Method Blank	Soluble	Solid	300.0	94515
LCS 880-94515/2-A	Lab Control Sample	Soluble	Solid	300.0	94515
LCSD 880-94515/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94515
880-50476-A-48-B MS	Matrix Spike	Soluble	Solid	300.0	94515
880-50476-A-48-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94515

Lab Chronicle

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

Client Sample ID: H - 2A (0' - .5')
Date Collected: 10/30/24 09:00
Date Received: 10/30/24 15:49

Lab Sample ID: 890-7321-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94487	10/31/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94482	10/31/24 11:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94658	10/31/24 11:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			94612	10/31/24 15:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	94523	10/31/24 13:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94538	10/31/24 15:58	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94515	10/31/24 10:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94530	10/31/24 21:20	CH	EET MID

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: NT Global
Project/Site: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

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: BASILISK STATE COM 1 H

Job ID: 890-7321-1
SDG: 248764

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7321-1	H - 2A (0' - .5')	Solid	10/30/24 09:00	10/30/24 15:49

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



Chain of Custody

Work Order No: _____

Page 1 of 1[illegible]

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7321-1

SDG Number: 248764

Login Number: 7321

List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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: 890-7321-1

SDG Number: 248764

Login Number: 7321

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 10/31/24 10:22 AM

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/19/2025 5:03:18 PM

JOB DESCRIPTION

Basilisk State Com 1H
Lea County NM

JOB NUMBER

890-7669-1

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
2/19/2025 5:03:18 PM

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

Client: NT Global
Project/Site: Basilisk State Com 1H

Laboratory Job ID: 890-7669-1
SDG: Lea County NM

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Definitions/Glossary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Basilisk State Com 1H

Job ID: 890-7669-1

Job ID: 890-7669-1

Eurofins Carlsbad

Job Narrative
890-7669-1

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 2/13/2025 11:44 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (890-7669-1), CS-2 (890-7669-2), CS-3 (890-7669-3), CS-4 (890-7669-4), CS-5 (890-7669-5), CS-6 (890-7669-6), CS-7 (890-7669-7), CS-8 (890-7669-8), CS-9 (890-7669-9), CS-10 (890-7669-10), CS-11 (890-7669-11), CS-12 (890-7669-12), CS-13 (890-7669-13), CS-14 (890-7669-14), CS-15 (890-7669-15), CS-16 (890-7669-16), CS-17 (890-7669-17), SW-1 (890-7669-18), SW-2 (890-7669-19), SW-3 (890-7669-20), SW-4 (890-7669-21), SW-5 (890-7669-22), SW-6 (890-7669-23), SW-7 (890-7669-24), SW-8 (890-7669-25), SW-9 (890-7669-26), SW-10 (890-7669-27) and SW-11 (890-7669-28).

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-102771 and analytical batch 880-102767 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: The surrogate recovery for the blank associated with preparation batch 880-102771 and analytical batch 880-102767 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-3 (890-7669-3), CS-4 (890-7669-4), CS-5 (890-7669-5), CS-6 (890-7669-6), CS-7 (890-7669-7), CS-8 (890-7669-8), CS-9 (890-7669-9), CS-10 (890-7669-10), CS-12 (890-7669-12), CS-13 (890-7669-13), CS-14 (890-7669-14), CS-15 (890-7669-15), CS-16 (890-7669-16), CS-17 (890-7669-17), SW-2 (890-7669-19) and SW-3 (890-7669-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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: CS-7 (890-7669-7). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-102749 and analytical batch 880-102783 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (890-7669-1), CS-2 (890-7669-2), CS-3 (890-7669-3), CS-4 (890-7669-4), CS-5 (890-7669-5), CS-6 (890-7669-6) and (MB 880-102787/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-102787 and analytical batch 880-102779 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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Case Narrative

Client: NT Global
Project: Basilisk State Com 1H

Job ID: 890-7669-1

Job ID: 890-7669-1 (Continued)

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Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-102751 and analytical batch 880-102922 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-8 (890-7669-8), CS-9 (890-7669-9), CS-10 (890-7669-10), CS-11 (890-7669-11), CS-12 (890-7669-12), CS-13 (890-7669-13), CS-14 (890-7669-14), CS-15 (890-7669-15), CS-16 (890-7669-16), CS-17 (890-7669-17), SW-1 (890-7669-18), SW-2 (890-7669-19), SW-3 (890-7669-20), SW-4 (890-7669-21), SW-5 (890-7669-22), SW-6 (890-7669-23), SW-7 (890-7669-24), SW-8 (890-7669-25), SW-9 (890-7669-26), SW-10 (890-7669-27), (890-7669-A-8-B MS) and (890-7669-A-8-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-11 (890-7669-28). 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.

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-1

Lab Sample ID: 890-7669-1

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 12:11	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 12:11	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 12:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 12:11	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/14/25 08:29	02/14/25 12:11	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/14/25 08:29	02/14/25 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/14/25 13:30	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	<50.1	U	50.1		mg/Kg		02/14/25 09:30	02/14/25 13:30	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/14/25 09:30	02/14/25 13:30	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/14/25 09:30	02/14/25 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	02/14/25 09:30	02/14/25 13:30	1
o-Terphenyl	64	S1-	70 - 130	02/14/25 09:30	02/14/25 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.7		10.0		mg/Kg			02/14/25 16:40	1

Client Sample ID: CS-2

Lab Sample ID: 890-7669-2

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 12:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 12:31	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/14/25 08:29	02/14/25 12:31	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 12:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 12:31	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	02/14/25 08:29	02/14/25 12:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/14/25 08:29	02/14/25 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/14/25 13:45	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-2

Lab Sample ID: 890-7669-2

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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	<50.4	U	50.4		mg/Kg		02/14/25 09:30	02/14/25 13:45	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/14/25 09:30	02/14/25 13:45	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/14/25 09:30	02/14/25 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	02/14/25 09:30	02/14/25 13:45	1
o-Terphenyl	64	S1-	70 - 130	02/14/25 09:30	02/14/25 13:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		9.92		mg/Kg			02/14/25 16:47	1

Client Sample ID: CS-3

Lab Sample ID: 890-7669-3

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 12:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 12:52	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		02/14/25 08:29	02/14/25 12:52	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		02/14/25 08:29	02/14/25 12:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 12:52	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		02/14/25 08:29	02/14/25 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	02/14/25 08:29	02/14/25 12:52	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/14/25 08:29	02/14/25 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/14/25 13:59	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	<50.5	U	50.5		mg/Kg		02/14/25 09:30	02/14/25 13:59	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/14/25 09:30	02/14/25 13:59	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/14/25 09:30	02/14/25 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	02/14/25 09:30	02/14/25 13:59	1
o-Terphenyl	63	S1-	70 - 130	02/14/25 09:30	02/14/25 13:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.1		10.0		mg/Kg			02/14/25 17:10	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-4

Lab Sample ID: 890-7669-4

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 13:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 13:12	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 13:12	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 13:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 13:12	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	02/14/25 08:29	02/14/25 13:12	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/14/25 08:29	02/14/25 13:12	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			02/14/25 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/14/25 09:30	02/14/25 14:14	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/14/25 09:30	02/14/25 14:14	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/14/25 09:30	02/14/25 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	02/14/25 09:30	02/14/25 14:14	1
o-Terphenyl	63	S1-	70 - 130	02/14/25 09:30	02/14/25 14:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		10.1		mg/Kg			02/14/25 17:17	1

Client Sample ID: CS-5

Lab Sample ID: 890-7669-5

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 13:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 13:33	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/14/25 08:29	02/14/25 13:33	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 13:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 13:33	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130	02/14/25 08:29	02/14/25 13:33	1
1,4-Difluorobenzene (Surr)	114		70 - 130	02/14/25 08:29	02/14/25 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/14/25 14:29	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-5

Lab Sample ID: 890-7669-5

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 09:30	02/14/25 14:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/14/25 09:30	02/14/25 14:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/14/25 09:30	02/14/25 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/14/25 09:30	02/14/25 14:29	1
o-Terphenyl	62	S1-	70 - 130	02/14/25 09:30	02/14/25 14:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.9		9.94		mg/Kg			02/14/25 17:24	1

Client Sample ID: CS-6

Lab Sample ID: 890-7669-6

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 13:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 13:53	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		02/14/25 08:29	02/14/25 13:53	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		02/14/25 08:29	02/14/25 13:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 13:53	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		02/14/25 08:29	02/14/25 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	02/14/25 08:29	02/14/25 13:53	1
1,4-Difluorobenzene (Surr)	108		70 - 130	02/14/25 08:29	02/14/25 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/25 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/14/25 09:30	02/14/25 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/14/25 09:30	02/14/25 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/14/25 09:30	02/14/25 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	02/14/25 09:30	02/14/25 14:43	1
o-Terphenyl	61	S1-	70 - 130	02/14/25 09:30	02/14/25 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.5		9.92		mg/Kg			02/14/25 17:32	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-7

Lab Sample ID: 890-7669-7

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 14:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 14:14	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 14:14	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 14:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 14:14	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/14/25 08:29	02/14/25 14:14	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/14/25 08:29	02/14/25 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/25 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/25 20:01	02/14/25 14:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 20:01	02/14/25 14:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 20:01	02/14/25 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	02/13/25 20:01	02/14/25 14:10	1
o-Terphenyl	62	S1-	70 - 130	02/13/25 20:01	02/14/25 14:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.5		10.0		mg/Kg			02/14/25 17:39	1

Client Sample ID: CS-8

Lab Sample ID: 890-7669-8

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 14:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/14/25 08:29	02/14/25 14:34	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		02/14/25 08:29	02/14/25 14:34	1
m-Xylene & p-Xylene	<0.00397	U *	0.00397		mg/Kg		02/14/25 08:29	02/14/25 14:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/14/25 08:29	02/14/25 14:34	1
Xylenes, Total	<0.00397	U *	0.00397		mg/Kg		02/14/25 08:29	02/14/25 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	02/14/25 08:29	02/14/25 14:34	1
1,4-Difluorobenzene (Surr)	108		70 - 130	02/14/25 08:29	02/14/25 14:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/17/25 11:20	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-8

Lab Sample ID: 890-7669-8

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/13/25 20:07	02/17/25 11:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 11:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	02/13/25 20:07	02/17/25 11:20	1
o-Terphenyl	63	S1-	70 - 130	02/13/25 20:07	02/17/25 11:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.8		10.0		mg/Kg			02/14/25 17:47	1

Client Sample ID: CS-9

Lab Sample ID: 890-7669-9

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 14:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 14:54	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		02/14/25 08:29	02/14/25 14:54	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		02/14/25 08:29	02/14/25 14:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 14:54	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		02/14/25 08:29	02/14/25 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	02/14/25 08:29	02/14/25 14:54	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/14/25 08:29	02/14/25 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/25 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 13:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 13:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	02/13/25 20:07	02/17/25 13:21	1
o-Terphenyl	66	S1-	70 - 130	02/13/25 20:07	02/17/25 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.9		10.0		mg/Kg			02/14/25 17:54	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-10

Lab Sample ID: 890-7669-10

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 15:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 15:15	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 15:15	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 15:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 15:15	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130	02/14/25 08:29	02/14/25 15:15	1
1,4-Difluorobenzene (Surr)	113		70 - 130	02/14/25 08:29	02/14/25 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/25 13:36	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	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 13:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 13:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	02/13/25 20:07	02/17/25 13:36	1
o-Terphenyl	67	S1-	70 - 130	02/13/25 20:07	02/17/25 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.7		10.0		mg/Kg			02/14/25 20:32	1

Client Sample ID: CS-11

Lab Sample ID: 890-7669-11

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 17:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 17:04	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/14/25 08:29	02/14/25 17:04	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 17:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 17:04	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/14/25 08:29	02/14/25 17:04	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/14/25 08:29	02/14/25 17:04	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			02/17/25 13:54	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-11

Lab Sample ID: 890-7669-11

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/13/25 20:07	02/17/25 13:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 13:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	02/13/25 20:07	02/17/25 13:54	1
o-Terphenyl	61	S1-	70 - 130	02/13/25 20:07	02/17/25 13:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.4		10.1		mg/Kg			02/14/25 20:39	1

Client Sample ID: CS-12

Lab Sample ID: 890-7669-12

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 17:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 17:25	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		02/14/25 08:29	02/14/25 17:25	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		02/14/25 08:29	02/14/25 17:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 17:25	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		02/14/25 08:29	02/14/25 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	02/14/25 08:29	02/14/25 17:25	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/14/25 08:29	02/14/25 17:25	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			02/17/25 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 14:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 14:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/13/25 20:07	02/17/25 14:10	1
o-Terphenyl	63	S1-	70 - 130	02/13/25 20:07	02/17/25 14:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.0		9.92		mg/Kg			02/14/25 20:47	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-13

Lab Sample ID: 890-7669-13

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 17:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 17:45	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 17:45	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 17:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 17:45	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	02/14/25 08:29	02/14/25 17:45	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/14/25 08:29	02/14/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/17/25 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 14:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 14:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/13/25 20:07	02/17/25 14:26	1
o-Terphenyl	64	S1-	70 - 130	02/13/25 20:07	02/17/25 14:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		10.0		mg/Kg			02/14/25 20:54	1

Client Sample ID: CS-14

Lab Sample ID: 890-7669-14

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 18:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 18:06	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 18:06	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 18:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 18:06	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	02/14/25 08:29	02/14/25 18:06	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/14/25 08:29	02/14/25 18:06	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			02/17/25 14:42	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-14

Lab Sample ID: 890-7669-14

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/13/25 20:07	02/17/25 14:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 14:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				02/13/25 20:07	02/17/25 14:42	1
o-Terphenyl	67	S1-	70 - 130				02/13/25 20:07	02/17/25 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.9		9.98		mg/Kg			02/14/25 21:35	1

Client Sample ID: CS-15

Lab Sample ID: 890-7669-15

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 18:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 18:26	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/14/25 08:29	02/14/25 18:26	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 18:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 18:26	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				02/14/25 08:29	02/14/25 18:26	1
1,4-Difluorobenzene (Surr)	118		70 - 130				02/14/25 08:29	02/14/25 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/25 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 14:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 14:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				02/13/25 20:07	02/17/25 14:58	1
o-Terphenyl	65	S1-	70 - 130				02/13/25 20:07	02/17/25 14:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.7		10.1		mg/Kg			02/14/25 21:43	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-16

Lab Sample ID: 890-7669-16

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 18:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 18:47	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/14/25 08:29	02/14/25 18:47	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 18:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:29	02/14/25 18:47	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/14/25 08:29	02/14/25 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/14/25 08:29	02/14/25 18:47	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/14/25 08:29	02/14/25 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/17/25 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 15:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 15:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	02/13/25 20:07	02/17/25 15:14	1
o-Terphenyl	65	S1-	70 - 130	02/13/25 20:07	02/17/25 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.4		9.96		mg/Kg			02/14/25 21:50	1

Client Sample ID: CS-17

Lab Sample ID: 890-7669-17

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 19:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 19:07	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 19:07	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 19:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 19:07	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/14/25 08:29	02/14/25 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	02/14/25 08:29	02/14/25 19:07	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/14/25 08:29	02/14/25 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/17/25 15:31	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-17

Lab Sample ID: 890-7669-17

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/13/25 20:07	02/17/25 15:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 15:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/13/25 20:07	02/17/25 15:31	1
o-Terphenyl	62	S1-	70 - 130	02/13/25 20:07	02/17/25 15:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.0		9.92		mg/Kg			02/14/25 21:58	1

Client Sample ID: SW-1

Lab Sample ID: 890-7669-18

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 19:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/14/25 08:29	02/14/25 19:27	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		02/14/25 08:29	02/14/25 19:27	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		02/14/25 08:29	02/14/25 19:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/14/25 08:29	02/14/25 19:27	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		02/14/25 08:29	02/14/25 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	02/14/25 08:29	02/14/25 19:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/14/25 08:29	02/14/25 19:27	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			02/17/25 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 16:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 16:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/13/25 20:07	02/17/25 16:03	1
o-Terphenyl	65	S1-	70 - 130	02/13/25 20:07	02/17/25 16:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.7		10.0		mg/Kg			02/14/25 22:05	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-2

Lab Sample ID: 890-7669-19

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 19:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 19:48	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/14/25 08:29	02/14/25 19:48	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 19:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 19:48	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		02/14/25 08:29	02/14/25 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	02/14/25 08:29	02/14/25 19:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/14/25 08:29	02/14/25 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/17/25 16:18	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		02/13/25 20:07	02/17/25 16:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 16:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	02/13/25 20:07	02/17/25 16:18	1
o-Terphenyl	66	S1-	70 - 130	02/13/25 20:07	02/17/25 16:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.6		9.94		mg/Kg			02/14/25 22:13	1

Client Sample ID: SW-3

Lab Sample ID: 890-7669-20

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:29	02/14/25 20:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/14/25 08:29	02/14/25 20:08	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		02/14/25 08:29	02/14/25 20:08	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		02/14/25 08:29	02/14/25 20:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/14/25 08:29	02/14/25 20:08	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		02/14/25 08:29	02/14/25 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	02/14/25 08:29	02/14/25 20:08	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/14/25 08:29	02/14/25 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/25 16:35	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-3

Lab Sample ID: 890-7669-20

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/13/25 20:07	02/17/25 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 16:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	02/13/25 20:07	02/17/25 16:35	1
o-Terphenyl	66	S1-	70 - 130	02/13/25 20:07	02/17/25 16:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.1		9.92		mg/Kg			02/14/25 22:35	1

Client Sample ID: SW-4

Lab Sample ID: 890-7669-21

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 17:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/14/25 08:33	02/14/25 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 17:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/14/25 08:33	02/14/25 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	02/14/25 08:33	02/14/25 17:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/14/25 08:33	02/14/25 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/25 16:51	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	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 16:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 16:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	02/13/25 20:07	02/17/25 16:51	1
o-Terphenyl	68	S1-	70 - 130	02/13/25 20:07	02/17/25 16:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.2		10.0		mg/Kg			02/14/25 22:42	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-5

Lab Sample ID: 890-7669-22

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 17:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 17:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 17:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 17:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 17:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/14/25 08:33	02/14/25 17:32	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/14/25 08:33	02/14/25 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/17/25 17:07	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	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 17:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 17:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	02/13/25 20:07	02/17/25 17:07	1
o-Terphenyl	65	S1-	70 - 130	02/13/25 20:07	02/17/25 17:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.0		9.94		mg/Kg			02/14/25 23:05	1

Client Sample ID: SW-6

Lab Sample ID: 890-7669-23

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 17:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 17:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 17:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 17:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 17:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/14/25 08:33	02/14/25 17:53	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/14/25 08:33	02/14/25 17:53	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			02/17/25 17:23	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-6

Lab Sample ID: 890-7669-23

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/13/25 20:07	02/17/25 17:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 17:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/13/25 20:07	02/17/25 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	02/13/25 20:07	02/17/25 17:23	1
o-Terphenyl	68	S1-	70 - 130	02/13/25 20:07	02/17/25 17:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.9		9.98		mg/Kg			02/14/25 23:12	1

Client Sample ID: SW-7

Lab Sample ID: 890-7669-24

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 18:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 18:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 18:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/14/25 08:33	02/14/25 18:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 18:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/14/25 08:33	02/14/25 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	02/14/25 08:33	02/14/25 18:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/14/25 08:33	02/14/25 18:13	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			02/17/25 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		02/13/25 20:07	02/17/25 17:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 17:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	02/13/25 20:07	02/17/25 17:39	1
o-Terphenyl	64	S1-	70 - 130	02/13/25 20:07	02/17/25 17:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.6		10.0		mg/Kg			02/14/25 23:20	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-8

Lab Sample ID: 890-7669-25

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 18:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 18:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 18:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 18:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 18:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	02/14/25 08:33	02/14/25 18:34	1
1,4-Difluorobenzene (Surr)	80		70 - 130	02/14/25 08:33	02/14/25 18:34	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			02/17/25 17:55	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	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 17:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 17:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/25 20:07	02/17/25 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	02/13/25 20:07	02/17/25 17:55	1
o-Terphenyl	67	S1-	70 - 130	02/13/25 20:07	02/17/25 17:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		9.90		mg/Kg			02/14/25 23:27	1

Client Sample ID: SW-9

Lab Sample ID: 890-7669-26

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 18:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 18:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 18:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 18:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/25 08:33	02/14/25 18:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/14/25 08:33	02/14/25 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	02/14/25 08:33	02/14/25 18:54	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/14/25 08:33	02/14/25 18:54	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			02/17/25 18:11	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-9

Lab Sample ID: 890-7669-26

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/13/25 20:07	02/17/25 18:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 18:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	02/13/25 20:07	02/17/25 18:11	1
o-Terphenyl	68	S1-	70 - 130	02/13/25 20:07	02/17/25 18:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		9.90		mg/Kg			02/17/25 09:19	1

Client Sample ID: SW-10

Lab Sample ID: 890-7669-27

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 19:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/14/25 08:33	02/14/25 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 19:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/14/25 08:33	02/14/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/14/25 08:33	02/14/25 19:15	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/14/25 08:33	02/14/25 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/17/25 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 18:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 18:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/25 20:07	02/17/25 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	02/13/25 20:07	02/17/25 18:27	1
o-Terphenyl	65	S1-	70 - 130	02/13/25 20:07	02/17/25 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.5		10.1		mg/Kg			02/14/25 23:36	1

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Client Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-11

Lab Sample ID: 890-7669-28

Date Collected: 02/13/25 00:00

Matrix: Solid

Date Received: 02/13/25 11:44

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		02/14/25 08:33	02/14/25 19:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/14/25 08:33	02/14/25 19:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/14/25 08:33	02/14/25 19:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/14/25 08:33	02/14/25 19:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/14/25 08:33	02/14/25 19:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/14/25 08:33	02/14/25 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	02/14/25 08:33	02/14/25 19:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/14/25 08:33	02/14/25 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/18/25 02:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/14/25 14:47	02/18/25 02:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/14/25 14:47	02/18/25 02:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/14/25 14:47	02/18/25 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	02/14/25 14:47	02/18/25 02:22	1
o-Terphenyl	68	S1-	70 - 130	02/14/25 14:47	02/18/25 02:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.5		10.0		mg/Kg			02/14/25 23:44	1

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Surrogate Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-7669-1	CS-1	104	102
890-7669-1 MS	CS-1	124	98
890-7669-1 MSD	CS-1	115	95
890-7669-2	CS-2	132 S1+	109
890-7669-3	CS-3	140 S1+	109
890-7669-4	CS-4	136 S1+	112
890-7669-5	CS-5	138 S1+	114
890-7669-6	CS-6	134 S1+	108
890-7669-7	CS-7	131 S1+	100
890-7669-8	CS-8	146 S1+	108
890-7669-9	CS-9	144 S1+	109
890-7669-10	CS-10	152 S1+	113
890-7669-11	CS-11	121	103
890-7669-12	CS-12	134 S1+	103
890-7669-13	CS-13	129	103
890-7669-14	CS-14	146 S1+	110
890-7669-15	CS-15	142 S1+	118
890-7669-16	CS-16	131 S1+	105
890-7669-17	CS-17	144 S1+	110
890-7669-18	SW-1	123	101
890-7669-19	SW-2	133 S1+	100
890-7669-20	SW-3	139 S1+	111
890-7669-21	SW-4	92	99
890-7669-21 MS	SW-4	110	100
890-7669-21 MSD	SW-4	109	103
890-7669-22	SW-5	103	86
890-7669-23	SW-6	98	87
890-7669-24	SW-7	89	95
890-7669-25	SW-8	91	80
890-7669-26	SW-9	94	87
890-7669-27	SW-10	93	92
890-7669-28	SW-11	89	96
LCS 880-102771/1-A	Lab Control Sample	114	105
LCS 880-102772/1-A	Lab Control Sample	111	109
LCSD 880-102771/2-A	Lab Control Sample Dup	116	102
LCSD 880-102772/2-A	Lab Control Sample Dup	107	108
MB 880-102771/5-A	Method Blank	231 S1+	132 S1+
MB 880-102772/5-A	Method Blank	84	92

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-7669-1	CS-1	76	64 S1-

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Surrogate Summary

Client: NT Global

Job ID: 890-7669-1

Project/Site: Basilisk State Com 1H

SDG: Lea County NM

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7669-2	CS-2	78	64 S1-
890-7669-3	CS-3	78	63 S1-
890-7669-4	CS-4	78	63 S1-
890-7669-5	CS-5	75	62 S1-
890-7669-6	CS-6	74	61 S1-
890-7669-7	CS-7	73	62 S1-
890-7669-8	CS-8	74	63 S1-
890-7669-8 MS	CS-8	72	69 S1-
890-7669-8 MSD	CS-8	72	69 S1-
890-7669-9	CS-9	78	66 S1-
890-7669-10	CS-10	77	67 S1-
890-7669-11	CS-11	73	61 S1-
890-7669-12	CS-12	75	63 S1-
890-7669-13	CS-13	75	64 S1-
890-7669-14	CS-14	80	67 S1-
890-7669-15	CS-15	77	65 S1-
890-7669-16	CS-16	76	65 S1-
890-7669-17	CS-17	75	62 S1-
890-7669-18	SW-1	75	65 S1-
890-7669-19	SW-2	77	66 S1-
890-7669-20	SW-3	80	66 S1-
890-7669-21	SW-4	81	68 S1-
890-7669-22	SW-5	76	65 S1-
890-7669-23	SW-6	80	68 S1-
890-7669-24	SW-7	76	64 S1-
890-7669-25	SW-8	80	67 S1-
890-7669-26	SW-9	81	68 S1-
890-7669-27	SW-10	76	65 S1-
890-7669-28	SW-11	80	68 S1-
890-7669-28 MS	SW-11	91	75
890-7669-28 MSD	SW-11	90	75
890-7671-A-1-B MS	Matrix Spike	73	73
890-7671-A-1-C MSD	Matrix Spike Duplicate	84	73
890-7671-A-5-H MS	Matrix Spike	80	71
890-7671-A-5-I MSD	Matrix Spike Duplicate	82	71
LCS 880-102749/2-A	Lab Control Sample	82	84
LCS 880-102751/2-A	Lab Control Sample	84	87
LCS 880-102787/2-A	Lab Control Sample	96	84
LCS 880-102833/2-A	Lab Control Sample	129	118
LCSD 880-102749/3-A	Lab Control Sample Dup	82	85
LCSD 880-102751/3-A	Lab Control Sample Dup	84	87
LCSD 880-102787/3-A	Lab Control Sample Dup	100	90
LCSD 880-102833/3-A	Lab Control Sample Dup	128	116
MB 880-102749/1-A	Method Blank	121	113
MB 880-102751/1-A	Method Blank	137 S1+	128
MB 880-102787/1-A	Method Blank	147 S1+	133 S1+
MB 880-102833/1-A	Method Blank	97	88

Surrogate Legend

1CO = 1-Chlorooctane

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Surrogate Summary

Client: NT Global
Project/Site: Basilisk State Com 1H
OTPH = o-Terphenyl

Job ID: 890-7669-1
SDG: Lea County NM

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-102771/5-A

Matrix: Solid

Analysis Batch: 102767

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 11:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/14/25 08:29	02/14/25 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:29	02/14/25 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/14/25 08:29	02/14/25 11:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	231	S1+	70 - 130	02/14/25 08:29	02/14/25 11:43	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	02/14/25 08:29	02/14/25 11:43	1

Lab Sample ID: LCS 880-102771/1-A

Matrix: Solid

Analysis Batch: 102767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1177		mg/Kg		118	70 - 130
Toluene	0.100	0.1180		mg/Kg		118	70 - 130
Ethylbenzene	0.100	0.1207		mg/Kg		121	70 - 130
m-Xylene & p-Xylene	0.200	0.2618	*+	mg/Kg		131	70 - 130
o-Xylene	0.100	0.1229		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-102771/2-A

Matrix: Solid

Analysis Batch: 102767

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102771

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1292		mg/Kg		129	70 - 130	9	35
Toluene	0.100	0.1134		mg/Kg		113	70 - 130	4	35
Ethylbenzene	0.100	0.1345	*+	mg/Kg		134	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.2688	*+	mg/Kg		134	70 - 130	3	35
o-Xylene	0.100	0.1267		mg/Kg		127	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-7669-1 MS

Matrix: Solid

Analysis Batch: 102767

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1113		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.0998	0.1066		mg/Kg		107	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: 890-7669-1 MS

Matrix: Solid

Analysis Batch: 102767

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U *	0.0998	0.1068		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	<0.00401	U *	0.200	0.2462		mg/Kg		123	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1195		mg/Kg		120	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7669-1 MSD

Matrix: Solid

Analysis Batch: 102767

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 102771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0996	0.1144		mg/Kg		115	70 - 130	3	35
Toluene	<0.00200	U	0.0996	0.1129		mg/Kg		113	70 - 130	6	35
Ethylbenzene	<0.00200	U *	0.0996	0.1180		mg/Kg		118	70 - 130	10	35
m-Xylene & p-Xylene	<0.00401	U *	0.199	0.2483		mg/Kg		125	70 - 130	1	35
o-Xylene	<0.00200	U	0.0996	0.1191		mg/Kg		120	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-102772/5-A

Matrix: Solid

Analysis Batch: 102814

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102772

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 16:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/14/25 08:33	02/14/25 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/25 08:33	02/14/25 16:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/14/25 08:33	02/14/25 16:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	02/14/25 08:33	02/14/25 16:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/14/25 08:33	02/14/25 16:50	1

Lab Sample ID: LCS 880-102772/1-A

Matrix: Solid

Analysis Batch: 102814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1115		mg/Kg		111	70 - 130
Toluene	0.100	0.1009		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1162		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2363		mg/Kg		118	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-102772/1-A

Matrix: Solid

Analysis Batch: 102814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1167		mg/Kg		117	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-102772/2-A

Matrix: Solid

Analysis Batch: 102814

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102772

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1119		mg/Kg		112	70 - 130	0	35
Toluene	0.100	0.09776		mg/Kg		98	70 - 130	3	35
Ethylbenzene	0.100	0.1135		mg/Kg		114	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2293		mg/Kg		115	70 - 130	3	35
o-Xylene	0.100	0.1128		mg/Kg		113	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-7669-21 MS

Matrix: Solid

Analysis Batch: 102814

Client Sample ID: SW-4

Prep Type: Total/NA

Prep Batch: 102772

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1030		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.0998	0.09340		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1052		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2102		mg/Kg		105	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1047		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7669-21 MSD

Matrix: Solid

Analysis Batch: 102814

Client Sample ID: SW-4

Prep Type: Total/NA

Prep Batch: 102772

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0996	0.08813		mg/Kg		88	70 - 130	16	35
Toluene	<0.00200	U	0.0996	0.07962		mg/Kg		80	70 - 130	16	35
Ethylbenzene	<0.00200	U	0.0996	0.09204		mg/Kg		92	70 - 130	13	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1804		mg/Kg		91	70 - 130	15	35
o-Xylene	<0.00200	U	0.0996	0.08960		mg/Kg		90	70 - 130	16	35

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: 890-7669-21 MSD

Matrix: Solid

Analysis Batch: 102814

Client Sample ID: SW-4

Prep Type: Total/NA

Prep Batch: 102772

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

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

Lab Sample ID: MB 880-102749/1-A

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102749

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/25 20:01	02/14/25 09:06	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 20:01	02/14/25 09:06	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 20:01	02/14/25 09:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	121		70 - 130				02/13/25 20:01	02/14/25 09:06	1	
o-Terphenyl	113		70 - 130				02/13/25 20:01	02/14/25 09:06	1	

Lab Sample ID: LCS 880-102749/2-A

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102749

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	993.7		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	990.9		mg/Kg		99	70 - 130		
Surrogate		LCS	LCS								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: LCSD 880-102749/3-A

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102749

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	837.7		mg/Kg		84	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	836.6		mg/Kg		84	70 - 130	17	20
Surrogate		LCSD	LCSD								
	%Recovery	Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	85		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: 890-7671-A-1-B MS

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102749

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 F1	995	625.9	F1	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	117	F1	995	730.8	F1	mg/Kg		62	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	73		70 - 130						
o-Terphenyl	73		70 - 130						

Lab Sample ID: 890-7671-A-1-C MSD

Matrix: Solid

Analysis Batch: 102783

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 102749

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	995	620.9	F1	mg/Kg		62	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	117	F1	995	718.5	F1	mg/Kg		60	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	84		70 - 130								
o-Terphenyl	73		70 - 130								

Lab Sample ID: MB 880-102751/1-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102751

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		02/13/25 20:07	02/17/25 09:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 09:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/25 20:07	02/17/25 09:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				02/13/25 20:07	02/17/25 09:22	1
o-Terphenyl	128		70 - 130				02/13/25 20:07	02/17/25 09:22	1

Lab Sample ID: LCS 880-102751/2-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1034		mg/Kg		103	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-102751/2-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102751

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: LCSD 880-102751/3-A

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102751

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	870.3		mg/Kg		87	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	864.0		mg/Kg		86	70 - 130	18	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	84										
o-Terphenyl	87										

Lab Sample ID: 890-7669-8 MS

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: CS-8

Prep Type: Total/NA

Prep Batch: 102751

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	999	750.4		mg/Kg		75	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	999	810.4		mg/Kg		81	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	72										
o-Terphenyl	69	S1-									

Lab Sample ID: 890-7669-8 MSD

Matrix: Solid

Analysis Batch: 102922

Client Sample ID: CS-8

Prep Type: Total/NA

Prep Batch: 102751

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	999	776.2		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	824.0		mg/Kg		82	70 - 130	2	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	72										
o-Terphenyl	69	S1-									

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-102787/1-A

Matrix: Solid

Analysis Batch: 102779

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102787

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		02/14/25 09:29	02/14/25 09:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/14/25 09:29	02/14/25 09:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/14/25 09:29	02/14/25 09:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				02/14/25 09:29	02/14/25 09:25	1
o-Terphenyl	133	S1+	70 - 130				02/14/25 09:29	02/14/25 09:25	1

Lab Sample ID: LCS 880-102787/2-A

Matrix: Solid

Analysis Batch: 102779

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1178		mg/Kg		118	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	96		70 - 130				
o-Terphenyl	84		70 - 130				

Lab Sample ID: LCSD 880-102787/3-A

Matrix: Solid

Analysis Batch: 102779

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1204		mg/Kg		120	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1084		mg/Kg		108	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	100		70 - 130						
o-Terphenyl	90		70 - 130						

Lab Sample ID: 890-7671-A-5-H MS

Matrix: Solid

Analysis Batch: 102779

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102787

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	750.3		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	186	F1	1000	843.9	F1	mg/Kg		66	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: 890-7671-A-5-H MS

Matrix: Solid

Analysis Batch: 102779

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 102787

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	71		70 - 130

Lab Sample ID: 890-7671-A-5-I MSD

Matrix: Solid

Analysis Batch: 102779

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 102787

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	760.3		mg/Kg		76	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	186	F1	1000	904.9		mg/Kg		72	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	71		70 - 130

Lab Sample ID: MB 880-102833/1-A

Matrix: Solid

Analysis Batch: 102926

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102833

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		02/14/25 14:47	02/18/25 01:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/14/25 14:47	02/18/25 01:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/14/25 14:47	02/18/25 01:37	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	97		70 - 130	02/14/25 14:47	02/18/25 01:37	1
o-Terphenyl	88		70 - 130	02/14/25 14:47	02/18/25 01:37	1

Lab Sample ID: LCS 880-102833/2-A

Matrix: Solid

Analysis Batch: 102926

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1169		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1096		mg/Kg		110	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	118		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-102833/3-A

Matrix: Solid

Analysis Batch: 102926

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102833

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1142		mg/Kg		114	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1078		mg/Kg		108	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	128		70 - 130						
o-Terphenyl	116		70 - 130						

Lab Sample ID: 890-7669-28 MS

Matrix: Solid

Analysis Batch: 102926

Client Sample ID: SW-11

Prep Type: Total/NA

Prep Batch: 102833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	780.1		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	766.8		mg/Kg		77	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	75		70 - 130								

Lab Sample ID: 890-7669-28 MSD

Matrix: Solid

Analysis Batch: 102926

Client Sample ID: SW-11

Prep Type: Total/NA

Prep Batch: 102833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	804.3		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	773.6		mg/Kg		77	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	75		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-102773/1-A

Matrix: Solid

Analysis Batch: 102791

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			02/14/25 14:11	1

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-102773/2-A

Matrix: Solid

Analysis Batch: 102791

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-102773/3-A

Matrix: Solid

Analysis Batch: 102791

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	246.5		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-54426-A-2-C MS

Matrix: Solid

Analysis Batch: 102791

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	76.7		251	329.6		mg/Kg		101	90 - 110

Lab Sample ID: 880-54426-A-2-D MSD

Matrix: Solid

Analysis Batch: 102791

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	76.7		251	330.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-102774/1-A

Matrix: Solid

Analysis Batch: 102793

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			02/14/25 18:50	1

Lab Sample ID: LCS 880-102774/2-A

Matrix: Solid

Analysis Batch: 102793

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-102774/3-A

Matrix: Solid

Analysis Batch: 102793

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	244.5		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 890-7669-19 MS

Matrix: Solid

Analysis Batch: 102793

Client Sample ID: SW-2

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	76.6		249	336.2		mg/Kg		104	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-7669-19 MSD							Client Sample ID: SW-2					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 102793												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	76.6		249	336.6		mg/Kg		105	90 - 110	0	20	

QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

GC VOA

Analysis Batch: 102767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1	CS-1	Total/NA	Solid	8021B	102771
890-7669-2	CS-2	Total/NA	Solid	8021B	102771
890-7669-3	CS-3	Total/NA	Solid	8021B	102771
890-7669-4	CS-4	Total/NA	Solid	8021B	102771
890-7669-5	CS-5	Total/NA	Solid	8021B	102771
890-7669-6	CS-6	Total/NA	Solid	8021B	102771
890-7669-7	CS-7	Total/NA	Solid	8021B	102771
890-7669-8	CS-8	Total/NA	Solid	8021B	102771
890-7669-9	CS-9	Total/NA	Solid	8021B	102771
890-7669-10	CS-10	Total/NA	Solid	8021B	102771
890-7669-11	CS-11	Total/NA	Solid	8021B	102771
890-7669-12	CS-12	Total/NA	Solid	8021B	102771
890-7669-13	CS-13	Total/NA	Solid	8021B	102771
890-7669-14	CS-14	Total/NA	Solid	8021B	102771
890-7669-15	CS-15	Total/NA	Solid	8021B	102771
890-7669-16	CS-16	Total/NA	Solid	8021B	102771
890-7669-17	CS-17	Total/NA	Solid	8021B	102771
890-7669-18	SW-1	Total/NA	Solid	8021B	102771
890-7669-19	SW-2	Total/NA	Solid	8021B	102771
890-7669-20	SW-3	Total/NA	Solid	8021B	102771
MB 880-102771/5-A	Method Blank	Total/NA	Solid	8021B	102771
LCS 880-102771/1-A	Lab Control Sample	Total/NA	Solid	8021B	102771
LCSD 880-102771/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102771
890-7669-1 MS	CS-1	Total/NA	Solid	8021B	102771
890-7669-1 MSD	CS-1	Total/NA	Solid	8021B	102771

Prep Batch: 102771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1	CS-1	Total/NA	Solid	5035	
890-7669-2	CS-2	Total/NA	Solid	5035	
890-7669-3	CS-3	Total/NA	Solid	5035	
890-7669-4	CS-4	Total/NA	Solid	5035	
890-7669-5	CS-5	Total/NA	Solid	5035	
890-7669-6	CS-6	Total/NA	Solid	5035	
890-7669-7	CS-7	Total/NA	Solid	5035	
890-7669-8	CS-8	Total/NA	Solid	5035	
890-7669-9	CS-9	Total/NA	Solid	5035	
890-7669-10	CS-10	Total/NA	Solid	5035	
890-7669-11	CS-11	Total/NA	Solid	5035	
890-7669-12	CS-12	Total/NA	Solid	5035	
890-7669-13	CS-13	Total/NA	Solid	5035	
890-7669-14	CS-14	Total/NA	Solid	5035	
890-7669-15	CS-15	Total/NA	Solid	5035	
890-7669-16	CS-16	Total/NA	Solid	5035	
890-7669-17	CS-17	Total/NA	Solid	5035	
890-7669-18	SW-1	Total/NA	Solid	5035	
890-7669-19	SW-2	Total/NA	Solid	5035	
890-7669-20	SW-3	Total/NA	Solid	5035	
MB 880-102771/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102771/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102771/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

GC VOA (Continued)

Prep Batch: 102771 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1 MS	CS-1	Total/NA	Solid	5035	
890-7669-1 MSD	CS-1	Total/NA	Solid	5035	

Prep Batch: 102772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-21	SW-4	Total/NA	Solid	5035	
890-7669-22	SW-5	Total/NA	Solid	5035	
890-7669-23	SW-6	Total/NA	Solid	5035	
890-7669-24	SW-7	Total/NA	Solid	5035	
890-7669-25	SW-8	Total/NA	Solid	5035	
890-7669-26	SW-9	Total/NA	Solid	5035	
890-7669-27	SW-10	Total/NA	Solid	5035	
890-7669-28	SW-11	Total/NA	Solid	5035	
MB 880-102772/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102772/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102772/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7669-21 MS	SW-4	Total/NA	Solid	5035	
890-7669-21 MSD	SW-4	Total/NA	Solid	5035	

Analysis Batch: 102814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-21	SW-4	Total/NA	Solid	8021B	102772
890-7669-22	SW-5	Total/NA	Solid	8021B	102772
890-7669-23	SW-6	Total/NA	Solid	8021B	102772
890-7669-24	SW-7	Total/NA	Solid	8021B	102772
890-7669-25	SW-8	Total/NA	Solid	8021B	102772
890-7669-26	SW-9	Total/NA	Solid	8021B	102772
890-7669-27	SW-10	Total/NA	Solid	8021B	102772
890-7669-28	SW-11	Total/NA	Solid	8021B	102772
MB 880-102772/5-A	Method Blank	Total/NA	Solid	8021B	102772
LCS 880-102772/1-A	Lab Control Sample	Total/NA	Solid	8021B	102772
LCSD 880-102772/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102772
890-7669-21 MS	SW-4	Total/NA	Solid	8021B	102772
890-7669-21 MSD	SW-4	Total/NA	Solid	8021B	102772

GC Semi VOA

Prep Batch: 102749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-7	CS-7	Total/NA	Solid	8015NM Prep	
MB 880-102749/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102749/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102749/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7671-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7671-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 102751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-8	CS-8	Total/NA	Solid	8015NM Prep	
890-7669-9	CS-9	Total/NA	Solid	8015NM Prep	
890-7669-10	CS-10	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 102751 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-11	CS-11	Total/NA	Solid	8015NM Prep	
890-7669-12	CS-12	Total/NA	Solid	8015NM Prep	
890-7669-13	CS-13	Total/NA	Solid	8015NM Prep	
890-7669-14	CS-14	Total/NA	Solid	8015NM Prep	
890-7669-15	CS-15	Total/NA	Solid	8015NM Prep	
890-7669-16	CS-16	Total/NA	Solid	8015NM Prep	
890-7669-17	CS-17	Total/NA	Solid	8015NM Prep	
890-7669-18	SW-1	Total/NA	Solid	8015NM Prep	
890-7669-19	SW-2	Total/NA	Solid	8015NM Prep	
890-7669-20	SW-3	Total/NA	Solid	8015NM Prep	
890-7669-21	SW-4	Total/NA	Solid	8015NM Prep	
890-7669-22	SW-5	Total/NA	Solid	8015NM Prep	
890-7669-23	SW-6	Total/NA	Solid	8015NM Prep	
890-7669-24	SW-7	Total/NA	Solid	8015NM Prep	
890-7669-25	SW-8	Total/NA	Solid	8015NM Prep	
890-7669-26	SW-9	Total/NA	Solid	8015NM Prep	
890-7669-27	SW-10	Total/NA	Solid	8015NM Prep	
MB 880-102751/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102751/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102751/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7669-8 MS	CS-8	Total/NA	Solid	8015NM Prep	
890-7669-8 MSD	CS-8	Total/NA	Solid	8015NM Prep	

Analysis Batch: 102779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1	CS-1	Total/NA	Solid	8015B NM	102787
890-7669-2	CS-2	Total/NA	Solid	8015B NM	102787
890-7669-3	CS-3	Total/NA	Solid	8015B NM	102787
890-7669-4	CS-4	Total/NA	Solid	8015B NM	102787
890-7669-5	CS-5	Total/NA	Solid	8015B NM	102787
890-7669-6	CS-6	Total/NA	Solid	8015B NM	102787
MB 880-102787/1-A	Method Blank	Total/NA	Solid	8015B NM	102787
LCS 880-102787/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102787
LCSD 880-102787/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102787
890-7671-A-5-H MS	Matrix Spike	Total/NA	Solid	8015B NM	102787
890-7671-A-5-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	102787

Analysis Batch: 102783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-7	CS-7	Total/NA	Solid	8015B NM	102749
MB 880-102749/1-A	Method Blank	Total/NA	Solid	8015B NM	102749
LCS 880-102749/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102749
LCSD 880-102749/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102749
890-7671-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	102749
890-7671-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	102749

Prep Batch: 102787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1	CS-1	Total/NA	Solid	8015NM Prep	
890-7669-2	CS-2	Total/NA	Solid	8015NM Prep	
890-7669-3	CS-3	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 102787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-4	CS-4	Total/NA	Solid	8015NM Prep	
890-7669-5	CS-5	Total/NA	Solid	8015NM Prep	
890-7669-6	CS-6	Total/NA	Solid	8015NM Prep	
MB 880-102787/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102787/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102787/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7671-A-5-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7671-A-5-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 102833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-28	SW-11	Total/NA	Solid	8015NM Prep	
MB 880-102833/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102833/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102833/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7669-28 MS	SW-11	Total/NA	Solid	8015NM Prep	
890-7669-28 MSD	SW-11	Total/NA	Solid	8015NM Prep	

Analysis Batch: 102847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1	CS-1	Total/NA	Solid	8015 NM	
890-7669-2	CS-2	Total/NA	Solid	8015 NM	
890-7669-3	CS-3	Total/NA	Solid	8015 NM	
890-7669-4	CS-4	Total/NA	Solid	8015 NM	
890-7669-5	CS-5	Total/NA	Solid	8015 NM	
890-7669-6	CS-6	Total/NA	Solid	8015 NM	
890-7669-7	CS-7	Total/NA	Solid	8015 NM	
890-7669-8	CS-8	Total/NA	Solid	8015 NM	
890-7669-9	CS-9	Total/NA	Solid	8015 NM	
890-7669-10	CS-10	Total/NA	Solid	8015 NM	
890-7669-11	CS-11	Total/NA	Solid	8015 NM	
890-7669-12	CS-12	Total/NA	Solid	8015 NM	
890-7669-13	CS-13	Total/NA	Solid	8015 NM	
890-7669-14	CS-14	Total/NA	Solid	8015 NM	
890-7669-15	CS-15	Total/NA	Solid	8015 NM	
890-7669-16	CS-16	Total/NA	Solid	8015 NM	
890-7669-17	CS-17	Total/NA	Solid	8015 NM	
890-7669-18	SW-1	Total/NA	Solid	8015 NM	
890-7669-19	SW-2	Total/NA	Solid	8015 NM	
890-7669-20	SW-3	Total/NA	Solid	8015 NM	
890-7669-21	SW-4	Total/NA	Solid	8015 NM	
890-7669-22	SW-5	Total/NA	Solid	8015 NM	
890-7669-23	SW-6	Total/NA	Solid	8015 NM	
890-7669-24	SW-7	Total/NA	Solid	8015 NM	
890-7669-25	SW-8	Total/NA	Solid	8015 NM	
890-7669-26	SW-9	Total/NA	Solid	8015 NM	
890-7669-27	SW-10	Total/NA	Solid	8015 NM	
890-7669-28	SW-11	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

GC Semi VOA

Analysis Batch: 102922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-8	CS-8	Total/NA	Solid	8015B NM	102751
890-7669-9	CS-9	Total/NA	Solid	8015B NM	102751
890-7669-10	CS-10	Total/NA	Solid	8015B NM	102751
890-7669-11	CS-11	Total/NA	Solid	8015B NM	102751
890-7669-12	CS-12	Total/NA	Solid	8015B NM	102751
890-7669-13	CS-13	Total/NA	Solid	8015B NM	102751
890-7669-14	CS-14	Total/NA	Solid	8015B NM	102751
890-7669-15	CS-15	Total/NA	Solid	8015B NM	102751
890-7669-16	CS-16	Total/NA	Solid	8015B NM	102751
890-7669-17	CS-17	Total/NA	Solid	8015B NM	102751
890-7669-18	SW-1	Total/NA	Solid	8015B NM	102751
890-7669-19	SW-2	Total/NA	Solid	8015B NM	102751
890-7669-20	SW-3	Total/NA	Solid	8015B NM	102751
890-7669-21	SW-4	Total/NA	Solid	8015B NM	102751
890-7669-22	SW-5	Total/NA	Solid	8015B NM	102751
890-7669-23	SW-6	Total/NA	Solid	8015B NM	102751
890-7669-24	SW-7	Total/NA	Solid	8015B NM	102751
890-7669-25	SW-8	Total/NA	Solid	8015B NM	102751
890-7669-26	SW-9	Total/NA	Solid	8015B NM	102751
890-7669-27	SW-10	Total/NA	Solid	8015B NM	102751
MB 880-102751/1-A	Method Blank	Total/NA	Solid	8015B NM	102751
LCS 880-102751/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102751
LCSD 880-102751/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102751
890-7669-8 MS	CS-8	Total/NA	Solid	8015B NM	102751
890-7669-8 MSD	CS-8	Total/NA	Solid	8015B NM	102751

Analysis Batch: 102926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-28	SW-11	Total/NA	Solid	8015B NM	102833
MB 880-102833/1-A	Method Blank	Total/NA	Solid	8015B NM	102833
LCS 880-102833/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102833
LCSD 880-102833/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102833
890-7669-28 MS	SW-11	Total/NA	Solid	8015B NM	102833
890-7669-28 MSD	SW-11	Total/NA	Solid	8015B NM	102833

HPLC/IC

Leach Batch: 102773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1	CS-1	Soluble	Solid	DI Leach	
890-7669-2	CS-2	Soluble	Solid	DI Leach	
890-7669-3	CS-3	Soluble	Solid	DI Leach	
890-7669-4	CS-4	Soluble	Solid	DI Leach	
890-7669-5	CS-5	Soluble	Solid	DI Leach	
890-7669-6	CS-6	Soluble	Solid	DI Leach	
890-7669-7	CS-7	Soluble	Solid	DI Leach	
890-7669-8	CS-8	Soluble	Solid	DI Leach	
890-7669-9	CS-9	Soluble	Solid	DI Leach	
MB 880-102773/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102773/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102773/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

HPLC/IC (Continued)

Leach Batch: 102773 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54426-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-54426-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 102774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-10	CS-10	Soluble	Solid	DI Leach	
890-7669-11	CS-11	Soluble	Solid	DI Leach	
890-7669-12	CS-12	Soluble	Solid	DI Leach	
890-7669-13	CS-13	Soluble	Solid	DI Leach	
890-7669-14	CS-14	Soluble	Solid	DI Leach	
890-7669-15	CS-15	Soluble	Solid	DI Leach	
890-7669-16	CS-16	Soluble	Solid	DI Leach	
890-7669-17	CS-17	Soluble	Solid	DI Leach	
890-7669-18	SW-1	Soluble	Solid	DI Leach	
890-7669-19	SW-2	Soluble	Solid	DI Leach	
890-7669-20	SW-3	Soluble	Solid	DI Leach	
890-7669-21	SW-4	Soluble	Solid	DI Leach	
890-7669-22	SW-5	Soluble	Solid	DI Leach	
890-7669-23	SW-6	Soluble	Solid	DI Leach	
890-7669-24	SW-7	Soluble	Solid	DI Leach	
890-7669-25	SW-8	Soluble	Solid	DI Leach	
890-7669-26	SW-9	Soluble	Solid	DI Leach	
890-7669-27	SW-10	Soluble	Solid	DI Leach	
890-7669-28	SW-11	Soluble	Solid	DI Leach	
MB 880-102774/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102774/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102774/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7669-19 MS	SW-2	Soluble	Solid	DI Leach	
890-7669-19 MSD	SW-2	Soluble	Solid	DI Leach	

Analysis Batch: 102791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-1	CS-1	Soluble	Solid	300.0	102773
890-7669-2	CS-2	Soluble	Solid	300.0	102773
890-7669-3	CS-3	Soluble	Solid	300.0	102773
890-7669-4	CS-4	Soluble	Solid	300.0	102773
890-7669-5	CS-5	Soluble	Solid	300.0	102773
890-7669-6	CS-6	Soluble	Solid	300.0	102773
890-7669-7	CS-7	Soluble	Solid	300.0	102773
890-7669-8	CS-8	Soluble	Solid	300.0	102773
890-7669-9	CS-9	Soluble	Solid	300.0	102773
MB 880-102773/1-A	Method Blank	Soluble	Solid	300.0	102773
LCS 880-102773/2-A	Lab Control Sample	Soluble	Solid	300.0	102773
LCSD 880-102773/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102773
880-54426-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	102773
880-54426-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	102773

Analysis Batch: 102793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-10	CS-10	Soluble	Solid	300.0	102774
890-7669-11	CS-11	Soluble	Solid	300.0	102774

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QC Association Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 102793 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7669-12	CS-12	Soluble	Solid	300.0	102774
890-7669-13	CS-13	Soluble	Solid	300.0	102774
890-7669-14	CS-14	Soluble	Solid	300.0	102774
890-7669-15	CS-15	Soluble	Solid	300.0	102774
890-7669-16	CS-16	Soluble	Solid	300.0	102774
890-7669-17	CS-17	Soluble	Solid	300.0	102774
890-7669-18	SW-1	Soluble	Solid	300.0	102774
890-7669-19	SW-2	Soluble	Solid	300.0	102774
890-7669-20	SW-3	Soluble	Solid	300.0	102774
890-7669-21	SW-4	Soluble	Solid	300.0	102774
890-7669-22	SW-5	Soluble	Solid	300.0	102774
890-7669-23	SW-6	Soluble	Solid	300.0	102774
890-7669-24	SW-7	Soluble	Solid	300.0	102774
890-7669-25	SW-8	Soluble	Solid	300.0	102774
890-7669-26	SW-9	Soluble	Solid	300.0	102774
890-7669-27	SW-10	Soluble	Solid	300.0	102774
890-7669-28	SW-11	Soluble	Solid	300.0	102774
MB 880-102774/1-A	Method Blank	Soluble	Solid	300.0	102774
LCS 880-102774/2-A	Lab Control Sample	Soluble	Solid	300.0	102774
LCSD 880-102774/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102774
890-7669-19 MS	SW-2	Soluble	Solid	300.0	102774
890-7669-19 MSD	SW-2	Soluble	Solid	300.0	102774

Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-1

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 12:11	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/14/25 13:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	102787	02/14/25 09:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102779	02/14/25 13:30	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 16:40	CH	EET MID

Client Sample ID: CS-2

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 12:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/14/25 13:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	102787	02/14/25 09:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102779	02/14/25 13:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 16:47	CH	EET MID

Client Sample ID: CS-3

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 12:52	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/14/25 13:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	102787	02/14/25 09:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102779	02/14/25 13:59	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 17:10	CH	EET MID

Client Sample ID: CS-4

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 13:12	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/14/25 14:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102787	02/14/25 09:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102779	02/14/25 14:14	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-4

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-4

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			4.96 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 17:17	CH	EET MID

Client Sample ID: CS-5

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 13:33	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/14/25 14:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102787	02/14/25 09:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102779	02/14/25 14:29	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 17:24	CH	EET MID

Client Sample ID: CS-6

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 13:53	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/14/25 14:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102787	02/14/25 09:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102779	02/14/25 14:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 17:32	CH	EET MID

Client Sample ID: CS-7

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 14:14	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/14/25 14:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102749	02/13/25 20:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102783	02/14/25 14:10	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 17:39	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-8

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-8

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			5.04 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 14:34	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 11:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 11:20	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 17:47	CH	EET MID

Client Sample ID: CS-9

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-9

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			5.01 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 14:54	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 13:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 13:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	102773	02/14/25 08:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102791	02/14/25 17:54	CH	EET MID

Client Sample ID: CS-10

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 15:15	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 13:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 13:36	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 20:32	CH	EET MID

Client Sample ID: CS-11

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 17:04	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 13:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 13:54	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-11**Lab Sample ID: 890-7669-11****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 20:39	CH	EET MID

Client Sample ID: CS-12**Lab Sample ID: 890-7669-12****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 17:25	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 14:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 14:10	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 20:47	CH	EET MID

Client Sample ID: CS-13**Lab Sample ID: 890-7669-13****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 17:45	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 14:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 14:26	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 20:54	CH	EET MID

Client Sample ID: CS-14**Lab Sample ID: 890-7669-14****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 18:06	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 14:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 14:42	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 21:35	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: CS-15

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 18:26	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 14:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 14:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 21:43	CH	EET MID

Client Sample ID: CS-16

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 18:47	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 15:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 15:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 21:50	CH	EET MID

Client Sample ID: CS-17

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 19:07	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 15:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 15:31	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 21:58	CH	EET MID

Client Sample ID: SW-1

Date Collected: 02/13/25 00:00

Date Received: 02/13/25 11:44

Lab Sample ID: 890-7669-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 19:27	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 16:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 16:03	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-1**Lab Sample ID: 890-7669-18****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 22:05	CH	EET MID

Client Sample ID: SW-2**Lab Sample ID: 890-7669-19****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 19:48	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 16:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 16:18	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 22:13	CH	EET MID

Client Sample ID: SW-3**Lab Sample ID: 890-7669-20****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102771	02/14/25 08:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102767	02/14/25 20:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 16:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 16:35	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 22:35	CH	EET MID

Client Sample ID: SW-4**Lab Sample ID: 890-7669-21****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 17:12	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 16:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 16:51	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 22:42	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-5**Lab Sample ID: 890-7669-22****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 17:32	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 17:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 17:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 23:05	CH	EET MID

Client Sample ID: SW-6**Lab Sample ID: 890-7669-23****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 17:53	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 17:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 17:23	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 23:12	CH	EET MID

Client Sample ID: SW-7**Lab Sample ID: 890-7669-24****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 18:13	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 17:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 17:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 23:20	CH	EET MID

Client Sample ID: SW-8**Lab Sample ID: 890-7669-25****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 18:34	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 17:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 17:55	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Client Sample ID: SW-8**Lab Sample ID: 890-7669-25****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 23:27	CH	EET MID

Client Sample ID: SW-9**Lab Sample ID: 890-7669-26****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 18:54	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 18:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 18:11	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/17/25 09:19	CH	EET MID

Client Sample ID: SW-10**Lab Sample ID: 890-7669-27****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 19:15	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/17/25 18:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102751	02/13/25 20:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102922	02/17/25 18:27	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 23:36	CH	EET MID

Client Sample ID: SW-11**Lab Sample ID: 890-7669-28****Date Collected: 02/13/25 00:00****Matrix: Solid****Date Received: 02/13/25 11:44**

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	102772	02/14/25 08:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102814	02/14/25 19:35	MNR	EET MID
Total/NA	Analysis	8015 NM		1			102847	02/18/25 02:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	102833	02/14/25 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102926	02/18/25 02:22	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	102774	02/14/25 08:37	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102793	02/14/25 23:44	CH	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	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.

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

Sample Summary

Client: NT Global
Project/Site: Basilisk State Com 1H

Job ID: 890-7669-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7669-1	CS-1	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-2	CS-2	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-3	CS-3	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-4	CS-4	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-5	CS-5	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-6	CS-6	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-7	CS-7	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-8	CS-8	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-9	CS-9	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-10	CS-10	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-11	CS-11	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-12	CS-12	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-13	CS-13	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-14	CS-14	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-15	CS-15	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-16	CS-16	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-17	CS-17	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-18	SW-1	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-19	SW-2	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-20	SW-3	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-21	SW-4	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-22	SW-5	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-23	SW-6	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-24	SW-7	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-25	SW-8	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-26	SW-9	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-27	SW-10	Solid	02/13/25 00:00	02/13/25 11:44
890-7669-28	SW-11	Solid	02/13/25 00:00	02/13/25 11:44



Chain of Custody

W:



890-7669 Chain of Custody

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

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

Project Name:		Basilisk State Com 1H		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number:		248764		☒ Routine	☐ Rush	Pres. Code												None: NO	DI Water: H ₂ O
Project Location:		Lea County, New Mexico		Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:		☒ Yes	☐ No	Wet Ice:		☒ Yes	☐ No	Parameters		BTX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride		HOLD	
Received Intact:		☒ Yes		☐ No		Thermometer ID:		TN mac 7										NAHSO ₄ : NABIS	
Cooler Custody Seals:		☒ Yes		☐ No		Correction Factor:		0.2										Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		☒ Yes		☐ No		Temperature Reading:		0.6										Zn Acetate+NaOH: Zn	
Total Containers:		28		Corrected Temperature:		0.4												NaOH+Ascorbic Acid: SAFC	
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont						Sample Comments	
CS-1		2/13/2025				X				Comp		1		X		X			
CS-2		2/13/2025				X				Comp		1		X		X			
CS-3		2/13/2025				X				Comp		1		X		X			
CS-4		2/13/2025				X				Comp		1		X		X			
CS-5		2/13/2025				X				Comp		1		X		X			
CS-6		2/13/2025				X				Comp		1		X		X			
CS-7		2/13/2025				X				Comp		1		X		X			
CS-8		2/13/2025				X				Comp		1		X		X			
CS-9		2/13/2025				X				Comp		1		X		X			
CS-10		2/13/2025				X				Comp		1		X		X			

Additional Comments:

Direct Bill to Shelly Cowden

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Kenny Han</i>	<i>Shelly Cowden</i>	<i>2/13/2025</i>			



Chain of Custody

Work Order No: _____

Page 2 of 3

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

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

Project Name:	Basilisk State Com 1H	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:	248764	Due Date:															None: NO	DI Water: H ₂ O
Project Location:	Lea County, New Mexico																Cool: Cool	MeOH: Me
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN
PO #																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No											H ₃ PO ₄ : HP	
Received Intact:	Yes	No		Thermometer ID:													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:													Zn Acetate+NaOH: Zn	
Total Containers:	28	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST										Sample Comments
CS-11	2/13/2025		X		Comp	1	X	X	X									
CS-12	2/13/2025		X		Comp	1	X	X	X									
CS-13	2/13/2025		X		Comp	1	X	X	X									
CS-14	2/13/2025		X		Comp	1	X	X	X									
CS-15	2/13/2025		X		Comp	1	X	X	X									
CS-16	2/13/2025		X		Comp	1	X	X	X									
CS-17	2/13/2025		X		Comp	1	X	X	X									
SW-1	2/13/2025		X		Comp	1	X	X	X									
SW-2	2/13/2025		X		Comp	1	X	X	X									
SW-3	2/13/2025		X		Comp	1	X	X	X									

Additional Comments:

Direct Bill to Shelly Cowden

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han		2/13/25			
3.					
5.					



Chain of Custody

Work Order No: _____

Page 3 of 3

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

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

Project Name:	Basilisk State Com 1H	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	248764	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:														Cool: Cool	MeOH: Me	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab. If received by 4:30pm														HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Thermometer ID: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No													HOLD		
Received Inact:	☒ Yes ☒ No	Correction Factor:																
Cooler Custody Seals:	☒ Yes ☒ No	Temperature Reading:																
Sample Custody Seals:	☒ Yes ☒ No	Corrected Temperature:																
Total Containers:	28																	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
SW-4	2/13/2025		X		Comp	1	X	X	X									
SW-5	2/13/2025		X		Comp	1	X	X	X									
SW-6	2/13/2025		X		Comp	1	X	X	X									
SW-7	2/13/2025		X		Comp	1	X	X	X									
SW-8	2/13/2025		X		Comp	1	X	X	X									
SW-9	2/13/2025		X		Comp	1	X	X	X									
SW-10	2/13/2025		X		Comp	1	X	X	X									
SW-11	2/13/2025		X		Comp	1	X	X	X									

Additional Comments:

Direct Bill to Shelly Cowden

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>[Signature]</i>	2/13/25			
3		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

Client Information (Sub Contract Lab)						Sampler: N/A	Lab PM: Kramer, Jessica	COC No: 890-4589-1					
Client Contact:						Phone: N/A	E-Mail: Jessica.Kramer@et.eurofins.com	Page: Page 1 of 4					
Shipping/Receiving Eurofins Environment Testing South Central						Accreditations Required (See note) NELAP - Texas		Job #: 890-7669-1					
Address: 1211 W. Florida Ave.						Due Date Requested: 2/19/2025	Preservation Codes:						
City: Midland						TAT Requested (days): N/A	Analysis Requested						
State, Zip: TX, 79701													
Phone: 432-704-5440(Tel)						PO #: N/A							
Email: N/A						WO #: N/A							
Project Name: basilisk state com 1h						Project #: 89000231							
Site: N/A						SSOW#: N/A							
						Other: N/A							
Sample Identification - Client ID (Lab ID)						Special Instructions/Note:							
CS-1 (890-7669-1)	Sample Date 2/13/25	Sample Time Central	Sample Type (C=Comp, G=glob)	Matrix (W=Water, S=solid, O=overstall, BT=Tissue, A=Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFm_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	8015MOD_Calc	Total Number of containers	X	
CS-2 (890-7669-2)	2/13/25	Central	G	Solid	X	X	X	X	X	X	X	1	
CS-3 (890-7669-3)	2/13/25	Central	G	Solid	X	X	X	X	X	X	X	1	
CS-4 (890-7669-4)	2/13/25	Central	G	Solid	X	X	X	X	X	X	X	1	
CS-5 (890-7669-5)	2/13/25	Central	G	Solid	X	X	X	X	X	X	X	1	
CS-6 (890-7669-6)	2/13/25	Central	G	Solid	X	X	X	X	X	X	X	1	
CS-7 (890-7669-7)	2/13/25	Central	G	Solid	X	X	X	X	X	X	X	1	
CS-8 (890-7669-8)	2/13/25	Central	G	Solid	X	X	X	X	X	X	X	1	
CS-9 (890-7669-9)	2/13/25	Central	G	Solid	X	X	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/test/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													
Unconfirmed													
Deliverable Requested: I, II, III, IV, Other (Specify) _____ Primary Deliverable Rank: 2 _____													
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____													
Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____													
Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____													
Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____													

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7669-1

SDG Number: Lea County NM

Login Number: 7669**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: 890-7669-1

SDG Number: Lea County NM

Login Number: 7669

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 02/13/25 08:52 PM

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

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

General Information
Phone: (505) 629-6116

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 448420

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 448420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2221554238
Incident Name	NAPP2221554238 BASILISK STATE COM 1H @ 30-025-40054
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-40054] BASILISK BQS STATE COM #001H

Location of Release Source

Please answer all the questions in this group.

Site Name	BASILISK STATE COM 1H
Date Release Discovered	08/03/2022
Surface Owner	State

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Pipeline (Any) Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 448420

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 448420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

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

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Energy, Minerals and Natural Resources
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QUESTIONS, Page 3

Action 448420

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 448420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	4260
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	236
GRO+DRO (EPA SW-846 Method 8015M)	236
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	02/05/2025
On what date will (or did) the final sampling or liner inspection occur	04/07/2025
On what date will (or was) the remediation complete(d)	04/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	3114
What is the estimated volume (in cubic yards) that will be remediated	413
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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General Information
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Online Phone Directory
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 448420

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:	308339
	Action Number:	448420
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 04/03/2025
<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 448420

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 448420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 448420

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 448420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	430119
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/13/2025
What was the (estimated) number of samples that were to be gathered	28
What was the sampling surface area in square feet	3200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3114
What was the total volume (cubic yards) remediated	413
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	N/a

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

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

I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 04/03/2025
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QUESTIONS, Page 7

Action 448420

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 448420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 448420

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 448420
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	4/3/2025
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	4/3/2025
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/3/2025