



209 W. McKay Street
Carlsbad, New Mexico 88220
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June 5, 2025

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

**Re: Incident Closure Report
Steward Energy II, LLC
Buffett BFF State #001
Unit N, Section 15, Township 12S, Range 38E
Site Coordinates: 33.2723999, -103.0858765
Lea County, New Mexico
Incident ID: nJXK1606032003**

Introduction

NTG Environmental, LLC (NTGE), on behalf of Steward Energy II, LLC (Steward Energy), has prepared this Incident Closure Report for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico to document site delineation assessment, sampling analysis, and remediation activities for incident ID: nJXK1606032003 - Buffett BFF State #001 (Site). The Site is in Unit Letter N, Section 15, of Township 12 South and Range 38 East in Lea County, New Mexico. The GPS coordinates for the release site are 33.2723999° N Latitude and -103.0858765° 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

Incident nJXK1606032003: Based on the Notification of Release, the release was discovered on February 23, 2016. The release was due to a pin hole leak in the heater treater, resulting in the release of approximately ten (10) barrels (bbls) of produced water, of which zero (0) bbls were recovered for a net loss of ten (10) bbls of produced water. Furthermore, five (5) bbls of crude oil were released, of which zero (0) bbls were recovered for a net loss of five (5) bbls of crude oil. Upon discovery the well was shut-in, the heater treater bled down, and fluids emptied, and the area was secure. 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 and USGS databases, there are no known water wells within a ½-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is attached to the report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	Unknown

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.12 NMAC Table I 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 February 24, 2025, NTGE conducted site assessment activities to determine the extent of the release impacts. Four (4) vertical sample points (V-1 through V-4) were installed within the release area, while six (6) horizontal sample points (H-1 through H-6) were installed adjacent to the release area in order to characterize the impacts. Vertical soil samples were collected at half foot intervals ranging from zero (0) to one (1) foot (ft) below ground surface (bgs) with a geotechnical hand auger. Horizontal soil samples were collected from zero (0) to half a foot (1/2) bgs. The hand auger was decontaminated with Alconox and deionized water between soil samples 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) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (by EPA method 300.0). Analytical results indicated that TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 at a depth of zero to half a foot (0-0.5'), V-3 to a depth of one foot (1'), and H-1 at a depth of zero to half a foot (0-0.5') bgs.

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

Remedial Activities & Confirmation Sampling

Confirmation samples were taken as a five (5) point composite sample and represented an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Soil samples were placed directly into laboratory provided 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.

After receiving and evaluating the soil boring data NTGE proposed to excavate the area of V-1 and H-1 to a depth of one (1) ft bgs, and V-3 to a depth of two (2) ft bgs to ensure that the impacted soil was removed from the Site.

On March 26, 2025, NTGE was on site to collect a total of twelve (12) bottom hole confirmation samples (CS-1 through CS-12) and eight (8) sidewall composite confirmation samples (SW-1 through SW-8). Analytical results indicated TPH and/or chloride concentrations exceeded NMOCD regulatory limits in bottom hole samples CS-1 through CS-3 at a depth of two (2) ft bgs and CS-6, CS-7, and CS-11 at a depth of one (1) ft. Sidewall confirmation samples SW-5 and SW-6 exceeded TPH concentrations at a depth of zero to one (0-1') ft bgs.

After receiving and evaluating confirmation sample data NTGE proposed to excavate the areas of CS-1 to CS-3 to a depth of three (3) ft bgs, and CS-6, CS-7, and CS-11 to a depth of two (2) ft bgs to ensure that the impacted soil was removed from the Site. Sidewall samples SW-5 and SW-6 were further excavated and extended out one (1) ft to a depth of two (2) ft bgs.

On April 11, 2025, NTGE returned to the site to collect a total of seven (7) bottom hole confirmation samples CS-1 to CS-3 at a depth of three (3) ft bgs and CS-6, CS-7, CS-11, and CS-13 to a depth of two (2) ft bgs. Additionally, four (4) sidewall samples were collected, SW-5, SW-6 at a depth of zero to two (2) ft bgs, SW-9 at one to two (1-2) ft bgs, and SW-10 at two to three (2-3) ft bgs. All samples 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.

Reclamation Activities

On May 6, 2025, NTGE scientists were on site to assess the current condition of the Site. All equipment and caliche had been removed from the Site, and the excavation backfilled. No evidence of water runoff or erosion was visible at the Site. Species such as Vine Mesquite, Silver Bluestem, Burrow Grass, Acacia, Creosote Bush, and Honey Mesquite were growing around the edges of the pad.

The areas subject to reclamation were the excavation area, areas lacking vegetation on pad, and measure approximately 55,345 square feet. The Site will be cross ripped to a minimum of twelve (12) inches with a furrow spacing of two (2) feet. Site preparation will include ripping and tilling. The ripped areas will be recontoured to match the natural topography of the area. A certified weed-free seed mix designed by the private surface owner will be used to meet reclamation standards. The seed mixture will be spread by seed box drill method or handheld broadcaster and raked in. If a hand-held broadcaster is used for dispersal, the pounds per live seed per acre will be doubled. After all reclamation efforts are completed, an earthen berm will be constructed at the access point of the Site to ensure no vehicular travel occurs within the reclaimed area. The area subjected to reclamation can be seen on Figure 5.

Reclamation Monitoring

The site will be monitored for vegetation growth to ensure that the reclamation activities performed were sufficient. The focus for this phase will be to further stabilize soils, preventing erosion and site degradation, and to monitor for and treat invasive and noxious species. Through site visits, noxious and invasive weeds will be identified, inventoried, and treated by licensed contracted herbicide applicators or mechanically removed. Annual inspections will take place on the location until revegetation is consistent with local and natural vegetation density. Upon completion of revegetation, a copy of the C-103 will be submitted to the NMOCD for final inspection and release.

Closure Request

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory requirements, and no further actions are required at the Site. NTGE, on behalf of Steward Energy, formally requests closure for the Site (nJXK1606032003).

If you have any questions regarding this report or need additional information, please contact us at (432)-701-2159.

Sincerely,
NTG Environmental



Rebecca Haskell
Environmental Manager



Nick Hart
Project Manager

Attachments:

- Tables
- Figures
- Site Characterization Information
- Photographic Log
- Laboratory Reports and Chain-of-Custody Documents
- Confirmation Sampling Notifications

NTGE Project No: 259736



Tables

Table 1
Summary of Soil Analytical Data - Delineation Samples
Buffett BFF State #001
Steward Energy II
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	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil <50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Delineation Samples													
V-1	2/24/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	217	217	<49.8	217	183
V-2	2/24/2025	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	33.4
V-3	2/24/2025	0-6"	<0.0100	<0.0100	<0.0100	<0.0201	<0.0201	19,600	13,900	33,500	<994	33,500	303
	2/24/2025	1'	<0.00998	<0.00998	<0.00998	<0.0200	<0.0200	<50.0	6,040	6040	<50.0	6,040	15.4
V-4	2/24/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<10.1
	2/24/2025	1'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<9.96
Horizontal Delineation Samples													
H-1	2/24/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	2,390
H-2	2/24/2025	0-6"	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.7	<49.7	<49.7	<49.7	<49.7	42.0
H-3	2/24/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	<9.94
H-4	2/24/2025	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	<9.94
H-5	2/24/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	<9.96
H-6	2/24/2025	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	33.9

- Notes:
1. Values reported in mg/kg

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

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

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

9. --- Not Analyzed
- SP 1

Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Buffett BFF State #001
Steward Energy II
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
Vertical Confirmation Samples													
CS-1	3/26/2025	2'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.3	565	565	<50.3	565	123
CS-1	4/11/2025	3'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	59.9
CS-2	3/26/2025	2'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.1	122	122	<50.1	122	69.2
CS-2	4/11/2025	3'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	102
CS-3	3/26/2025	2'	<0.00199	<0.00199	0.00296	<0.00398	<0.00398	<50.4	185	185	<50.4	185	76.9
CS-3	4/11/2025	3'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	107
CS-4	3/26/2025	2'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.5	67.1	67.1	<50.5	67.1	383
CS-5	3/26/2025	2'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	96.8
CS-6	3/26/2025	1'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.6	1,060	1,060	<49.6	1,060	706
CS-6	4/11/2025	2'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	105
CS-7	3/26/2025	1'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	450	450	<50.0	450	310
CS-7	4/11/2025	2'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	93.1
CS-8	3/26/2025	1'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	339
CS-9	3/26/2025	1'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.7	<49.7	<49.7	<49.7	<49.7	544
CS-10	3/26/2025	1'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.3	<50.3	<50.3	<50.3	<50.3	229
CS-11	3/26/2025	1'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.3	394	394	340	734	358
CS-11	4/11/2025	2'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	86.5
CS-12	3/26/2025	1'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.4	<50.4	<50.4	<50.4	<50.4	202
CS-13	4/11/2025	2'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.7	<49.7	<49.7	<49.7	<49.7	78.5
Horizontal Confirmation Samples													
SW-1	3/26/2025	0-2'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	105
SW-2	3/26/2025	0-2'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	82.2
SW-3	3/26/2025	0-2'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	67.5
SW-4	3/26/2025	0-2'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	84.7	84.7	<49.9	84.7	101
SW-5	3/26/2025	0-1'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	221	221	<49.8	221	256
SW-5	4/11/2025	0-2'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	103
SW-6	3/26/2025	0-1'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	4,170	4,170	<50.0	4,170	167
SW-6	4/11/2025	0-2'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	113
SW-7	3/26/2025	0-1'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	395
SW-8	3/26/2025	0-1'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	86.8
SW-9	4/11/2025	1'-2'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	88.5
SW-10	4/11/2025	2'-3'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	111

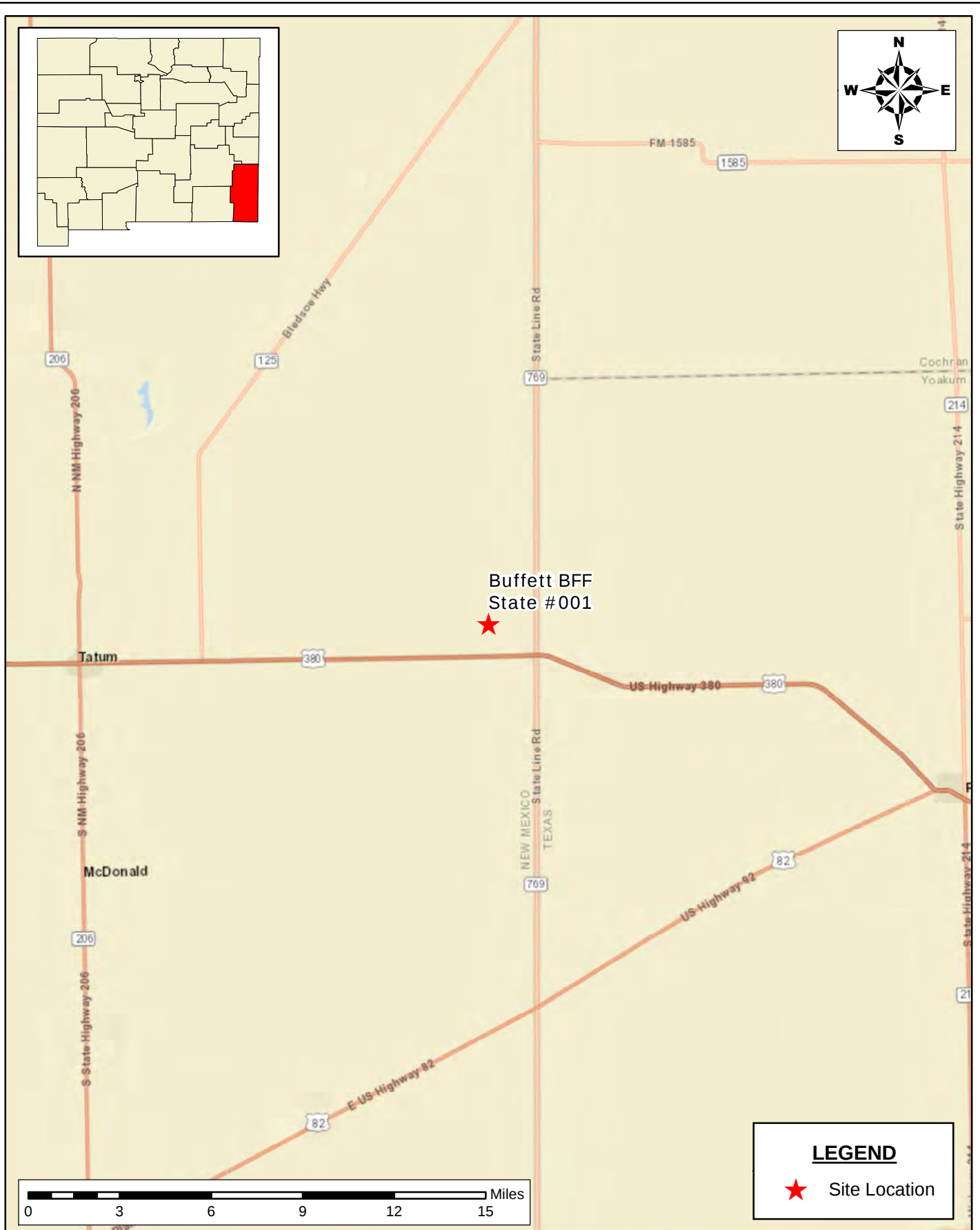
- Notes:
1. Values reported in mg/kg
2.< = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

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

Figures

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SITE LOCATION MAP
INCIDENT CLOSURE REPORT
 BUFFETT BFF STATE #001
 STEWARD ENERGY II, LLC
 LEA COUNTY, NEW MEXICO
 33.2723999, -103.0858765

SCALE: As Shown

Date: 5/5/2025

PROJECT #: 259736



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

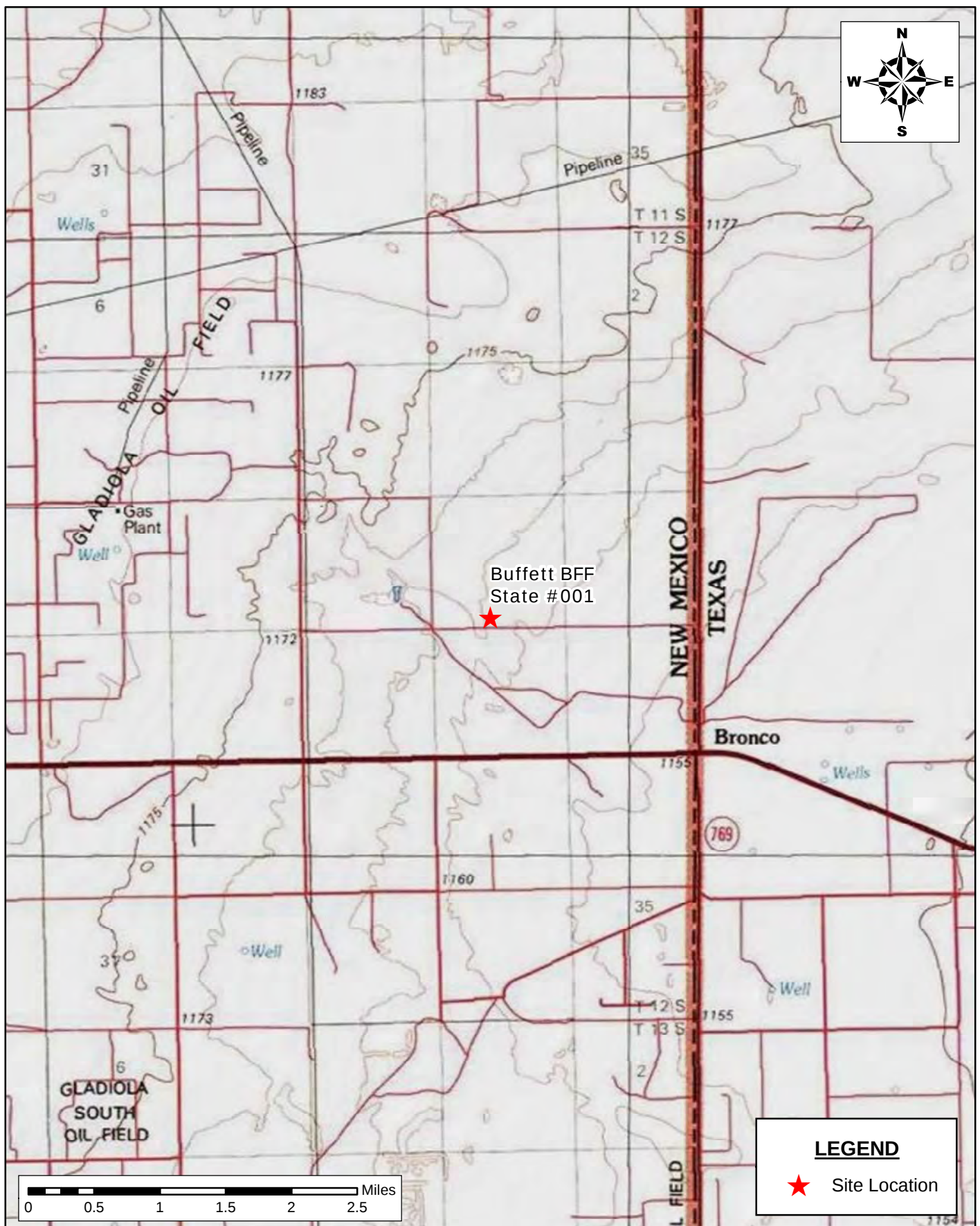
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FIGURE 1

SHEET NUMBER:

1 of 1

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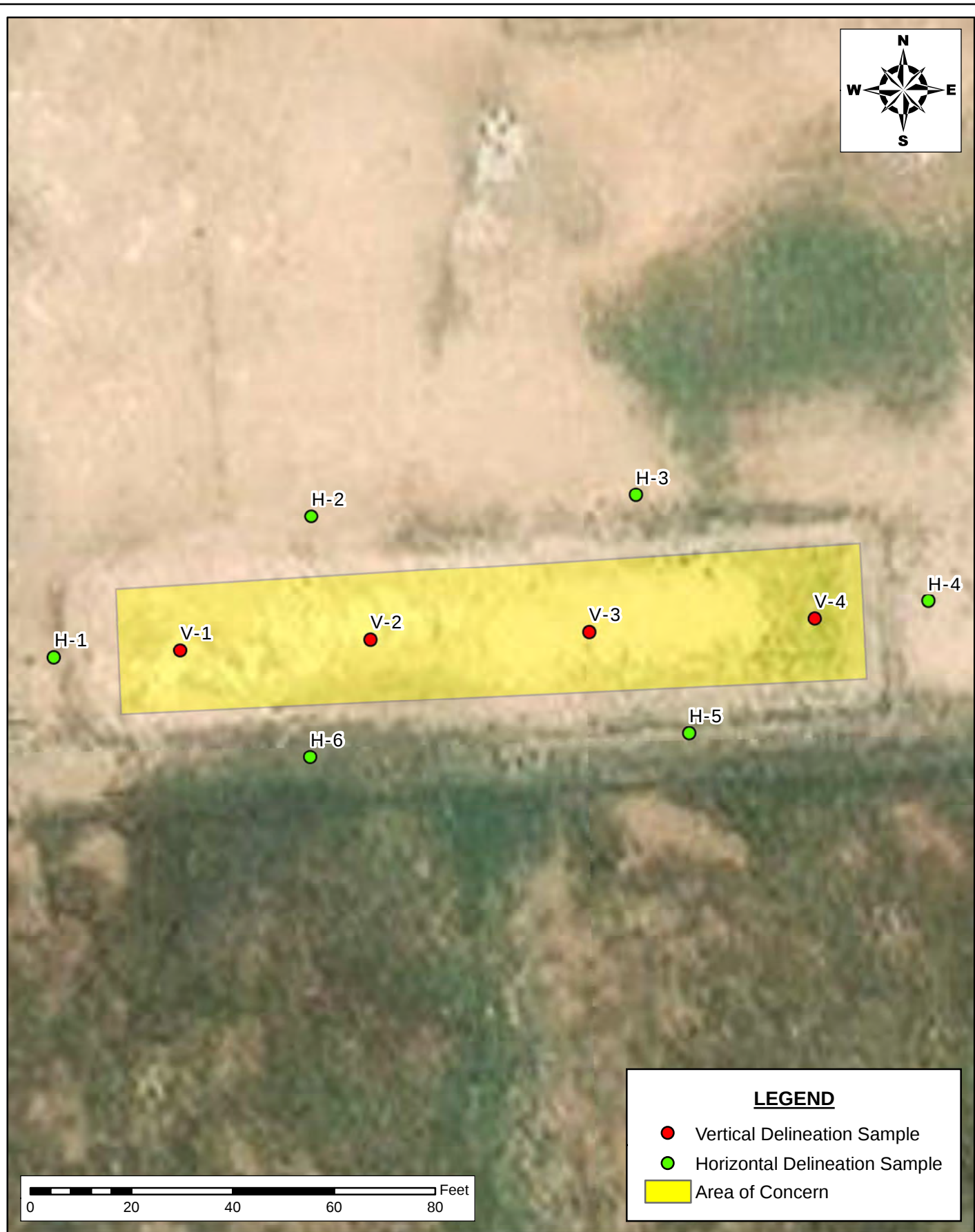
TOPOGRAPHIC MAP INCIDENT CLOSURE REPORT BUFFETT BFF STATE #001 STEWARD ENERGY II, LLC LEA COUNTY, NEW MEXICO 33.2723999,-103.0858765		
SCALE: As Shown	Date: 5/5/2025	PROJECT #: 259736

 New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroinmental.com
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NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983
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FIGURE 2
SHEET NUMBER:
1 of 1

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LEGEND

- Vertical Delineation Sample
- Horizontal Delineation Sample
- Area of Concern

**INITIAL ASSESSMENT MAP
INCIDENT CLOSURE REPORT**
BUFFETT BFF STATE #001
STEWARD ENERGY II, LLC
LEA COUNTY, NEW MEXICO
33.2723999, -103.0858765

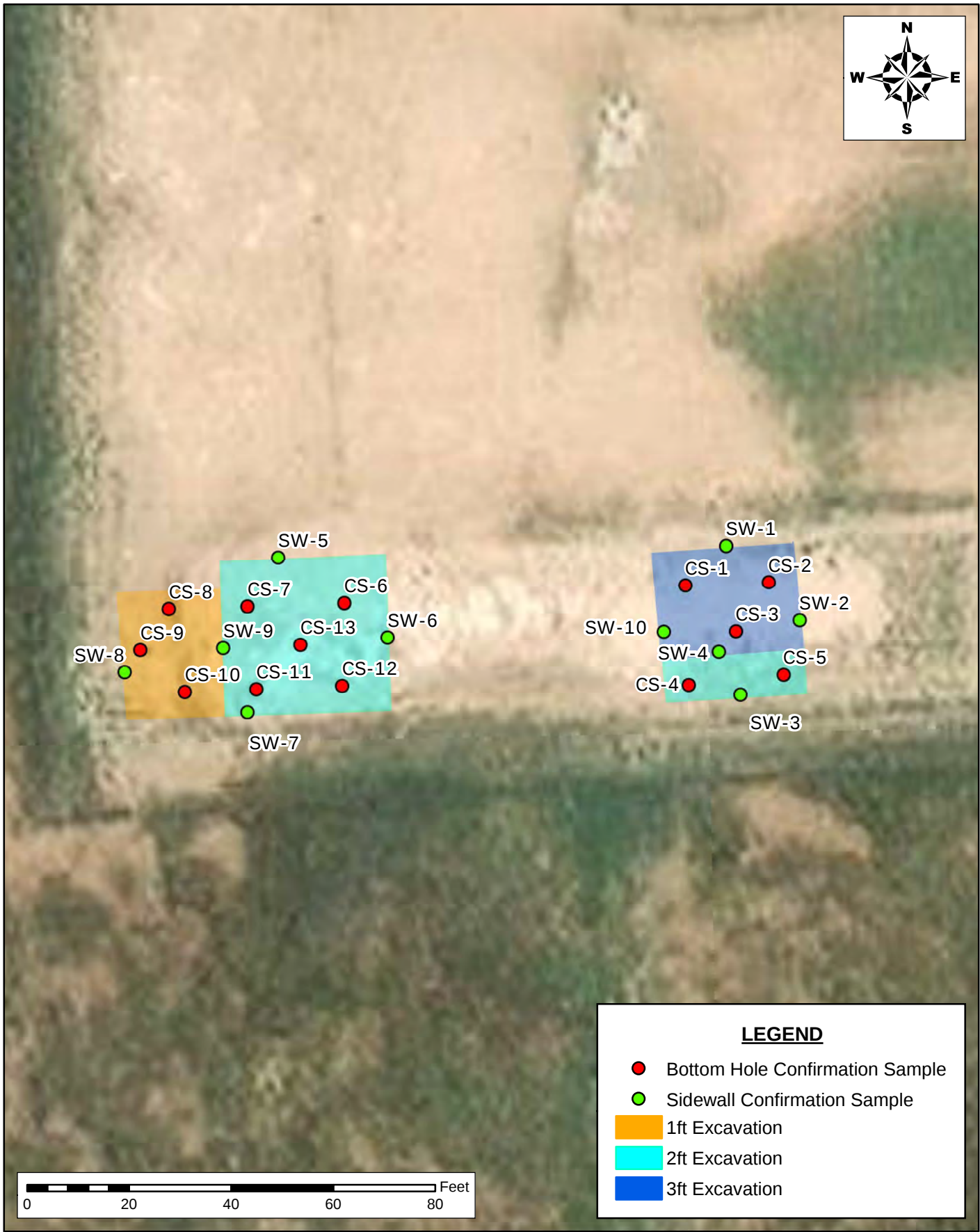
SCALE: As Shown	Date: 5/5/2025	PROJECT #: 259736
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NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

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FIGURE 3
SHEET NUMBER:
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**CONFIRMATION SAMPLE MAP
INCIDENT CLOSURE REPORT**
BUFFETT BFF STATE #001
STEWARD ENERGY II, LLC
LEA COUNTY, NEW MEXICO
33.2723999, -103.0858765

SCALE: As Shown

Date: 5/5/2025

PROJECT #:259736



New Tech Global Environmental, LLC
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NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

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**RECLAMATION AREA MAP
INCIDENT CLOSURE REPORT**
BUFFETT BFF STATE #001
STEWARD ENERGY II, LLC
LEA COUNTY, NEW MEXICO
33.2723999,-103.0858765

SCALE: As Shown Date: 5/9/2025 PROJECT #:259736



New Tech Global Environmental, LLC
911 Regional Park Drive
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Web: www.ntgenviroinmental.com

NOTES:

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

DRAWING NUMBER:

FIGURE 5

SHEET NUMBER:

1 of 1

Site Characterization Information

OCD Well Locations



2/3/2025, 11:39:31 AM

Wells - Large Scale

- Oil, Active
- Oil, Plugged

Incident Release

- Produced Water Release

Karst Occurrence Potential

Low

Mineral Ownership

N-No minerals are owned by the U.S.

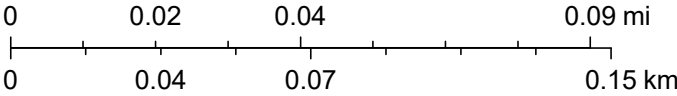
Land Ownership

P

PLSS Second Division

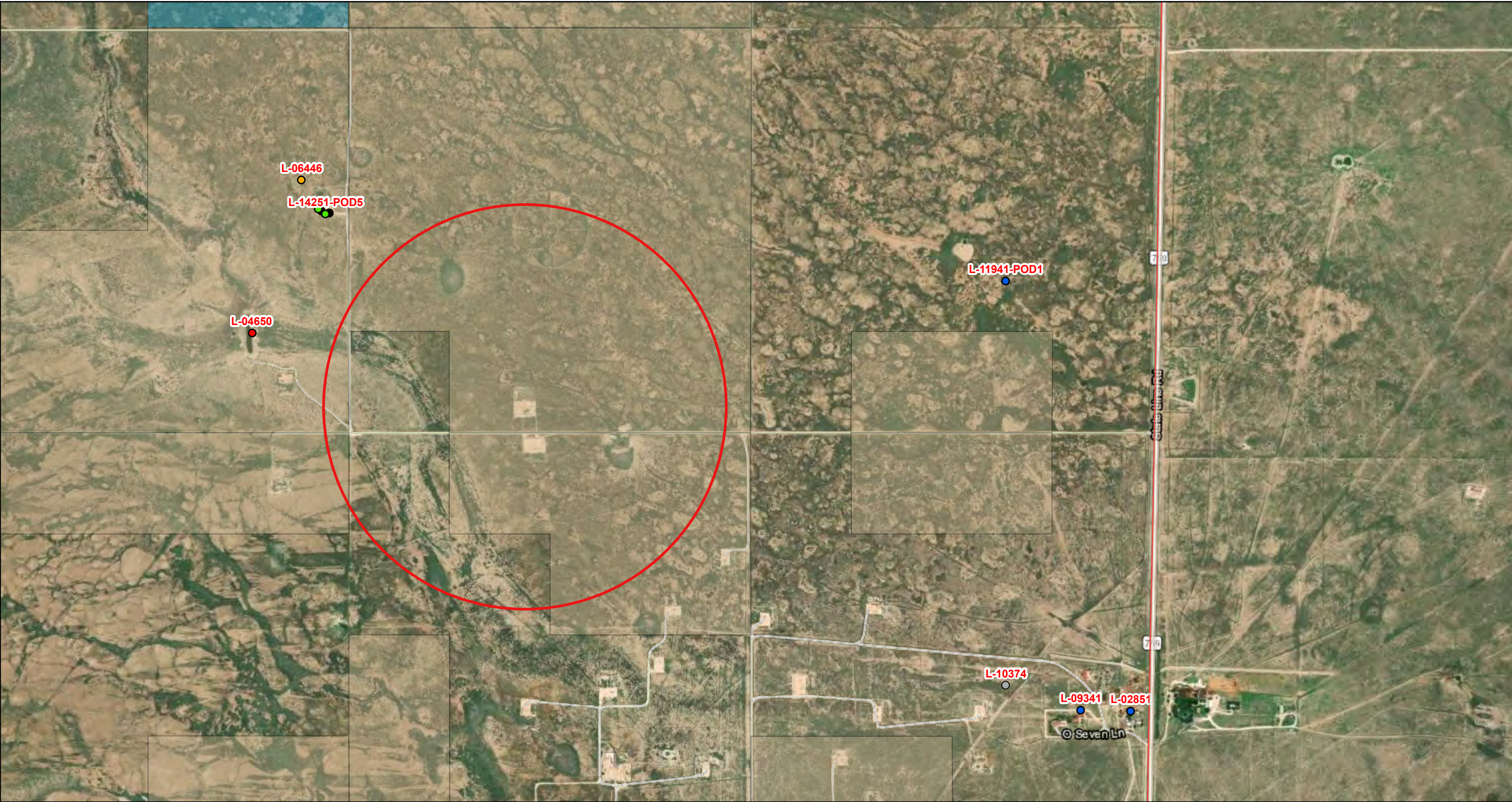
PLSS First Division

1:2,257



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

OSE POD Location Map



2/3/2025, 11:53:02 AM

Override 1

GIS WATERS PODs

Active

Pending

Inactive

Capped

Plugged

OSE District Boundary

New Mexico State Trust Lands

Subsurface Estate

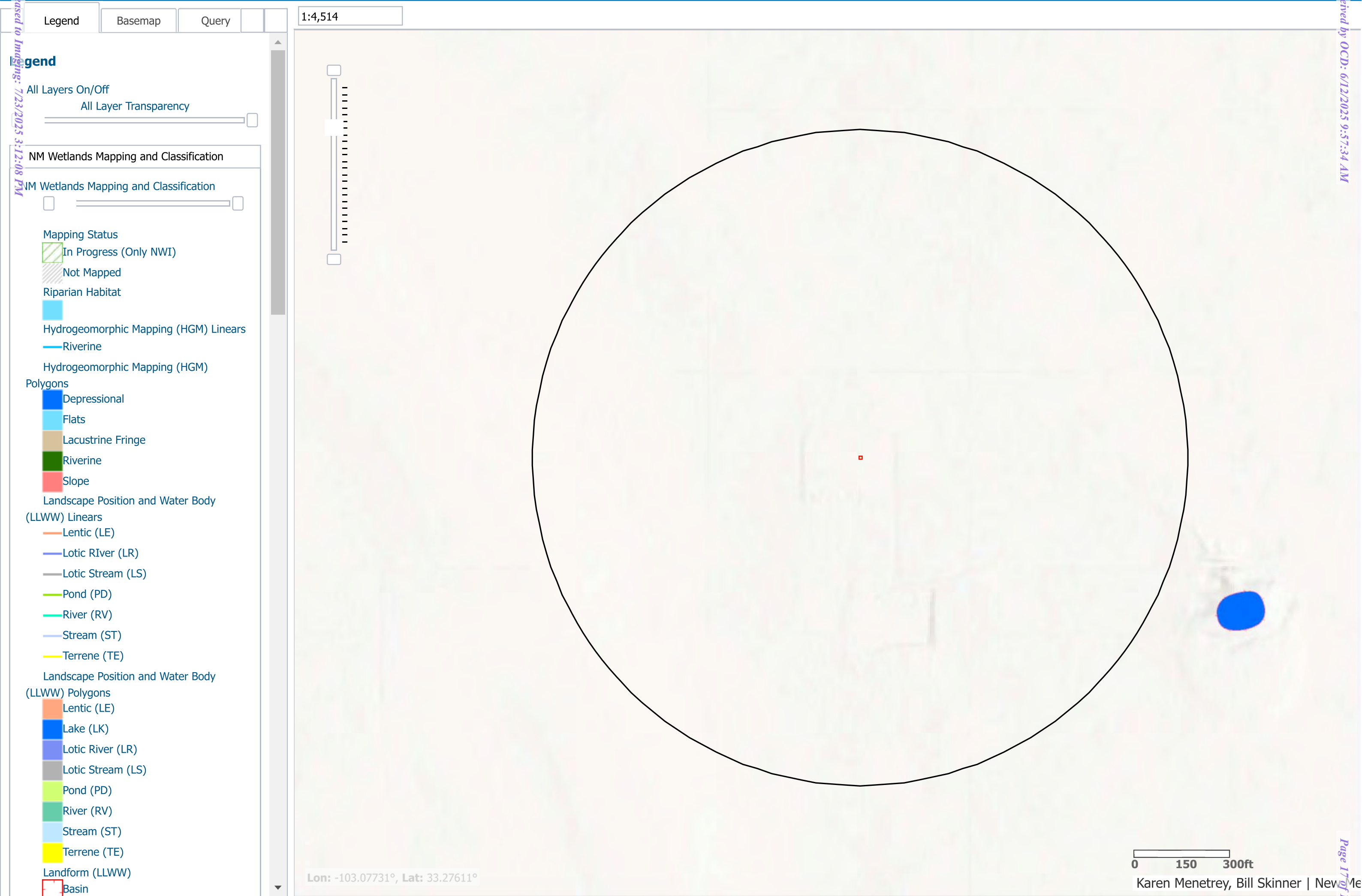
Both Estates

1:18,056

00.170.350.7 mi

00.30.61.2 km

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



National Flood Hazard Layer FIRMette



103°5'28"W 33°16'36"N



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

1:6,000

103°4'50"W 33°16'6"N

Released to Imaging: 7/23/2025 3:12:08 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

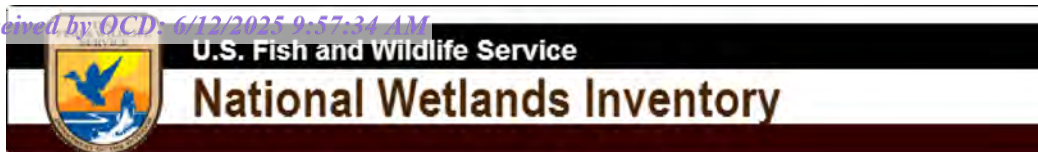


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 2/3/2025 at 6:42 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.



Buffett BFF State #001 Wetlands Inventory



February 3, 2025

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

-  Lake
-  Other
-  Riverine

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

Photographic Log

PHOTOGRAPHIC LOG**Steward Energy
Buffett BFF State #001****Photograph No. 1****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**

View of remedial activities and confirmation sampling

**Photograph No. 2****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**

View of remedial activities and confirmation sampling

**Photograph No. 3****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**

View of remedial activities and confirmation sampling



PHOTOGRAPHIC LOG**Steward Energy
Buffett BFF State #001****Photograph No. 4****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**

View of remedial activities and confirmation sampling

**Photograph No. 5****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**

View of remedial activities and confirmation sampling

**Photograph No. 6****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**

View of remedial activities and confirmation sampling



PHOTOGRAPHIC LOG**Steward Energy
Buffett BFF State #001****Photograph No. 7****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**
View of reclamation area**Photograph No. 8****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**
View of reclamation area**Photograph No. 9****Facility:** Buffett BFF State #001**County:** Lea County, New Mexico**Description:**
View of reclamation area

PHOTOGRAPHIC LOG

Steward Energy
Buffett BFF State #001

Photograph No. 10

Facility: Buffett BFF State #001

County: Lea County, New Mexico

Description:

View of reclamation area (drone/aerial photography)



Photograph No. 11

Facility: Buffett BFF State #001

County: Lea County, New Mexico

Description:

View of reclamation area (drone/aerial photography)



Photograph No. 12

Facility: Buffett BFF State #001

County: Lea County, New Mexico

Description:

View of reclamation area (drone/aerial photography)



Laboratory Reports and Chain-of-Custody



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/28/2025 6:49:44 PM

JOB DESCRIPTION

BUFFETT BFF STATE #001
259736

JOB NUMBER

890-7717-1

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
2/28/2025 6:49:44 PM

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

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Laboratory Job ID: 890-7717-1
SDG: 259736

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Definitions/Glossary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Qualifiers

GC 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.

GC Semi 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.

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: BUFFETT BFF STATE #001

Job ID: 890-7717-1

Job ID: 890-7717-1

Eurofins Carlsbad

Job Narrative
890-7717-1

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 2/25/2025 10:26 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 -17.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: V - 1 (890-7717-1), V - 2 (890-7717-2), V - 3 (890-7717-3), V - 3 (890-7717-4), V - 4 (890-7717-5), V - 4 (890-7717-6), H - 1 (890-7717-7), H - 2 (890-7717-8), H - 3 (890-7717-9), H - 4 (890-7717-10), H - 5 (890-7717-11) and H - 6 (890-7717-12).

GC VOA

Method 8021B: The following sample was diluted due to the nature of the sample matrix: (890-7723-A-8-D MSD). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-103714 and analytical batch 880-103701 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: V - 1 (890-7717-1) and (CCV 880-103701/2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-103701 recovered above the upper control limit for Benzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-103701/20).

Method 8021B: Surrogate recovery for the following samples were outside control limits: V - 2 (890-7717-2) and H - 1 (890-7717-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: V - 3 (890-7717-3) and V - 3 (890-7717-4). 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: V - 3 (890-7717-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H - 1 (890-7717-7), H - 4 (890-7717-10), H - 5 (890-7717-11) and H - 6 (890-7717-12). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-103756 and analytical batch 880-103850 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)

Eurofins Carlsbad

Case Narrative

Client: NT Global
Project: BUFFETT BFF STATE #001

Job ID: 890-7717-1

Job ID: 890-7717-1 (Continued) **Eurofins Carlsbad**

recovery is within acceptance limits.

The associated samples are: H - 4 (890-7717-10), H - 5 (890-7717-11) and H - 6 (890-7717-12).

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: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: V - 1

Lab Sample ID: 890-7717-1

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 14:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 14:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 14:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/26/25 08:51	02/26/25 14:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 14:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/26/25 08:51	02/26/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	02/26/25 08:51	02/26/25 14:52	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/26/25 08:51	02/26/25 14:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/26/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	217		49.8		mg/Kg			02/26/25 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/26/25 10:47	02/26/25 23:17	1
Diesel Range Organics (Over C10-C28)	217		49.8		mg/Kg		02/26/25 10:47	02/26/25 23:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/26/25 10:47	02/26/25 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	02/26/25 10:47	02/26/25 23:17	1
o-Terphenyl	101		70 - 130	02/26/25 10:47	02/26/25 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		10.1		mg/Kg			02/26/25 23:53	1

Client Sample ID: V - 2

Lab Sample ID: 890-7717-2

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 16:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/26/25 08:51	02/26/25 16:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/26/25 08:51	02/26/25 16:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/26/25 08:51	02/26/25 16:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/26/25 08:51	02/26/25 16:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/26/25 08:51	02/26/25 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/26/25 08:51	02/26/25 16:46	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: V - 2

Lab Sample ID: 890-7717-2

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 0 - 6"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	83		70 - 130	02/26/25 08:51	02/26/25 16:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/26/25 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/26/25 23:33	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		02/26/25 10:47	02/26/25 23:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/26/25 10:47	02/26/25 23:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/26/25 10:47	02/26/25 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				02/26/25 10:47	02/26/25 23:33	1
o-Terphenyl	100		70 - 130				02/26/25 10:47	02/26/25 23:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.4		9.90		mg/Kg			02/26/25 23:59	1

Client Sample ID: V - 3

Lab Sample ID: 890-7717-3

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0100	U	0.0100		mg/Kg		02/27/25 08:16	02/27/25 13:17	5
Toluene	<0.0100	U	0.0100		mg/Kg		02/27/25 08:16	02/27/25 13:17	5
Ethylbenzene	<0.0100	U	0.0100		mg/Kg		02/27/25 08:16	02/27/25 13:17	5
m-Xylene & p-Xylene	<0.0201	U	0.0201		mg/Kg		02/27/25 08:16	02/27/25 13:17	5
o-Xylene	<0.0100	U	0.0100		mg/Kg		02/27/25 08:16	02/27/25 13:17	5
Xylenes, Total	<0.0201	U	0.0201		mg/Kg		02/27/25 08:16	02/27/25 13:17	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/27/25 08:16	02/27/25 13:17	5
1,4-Difluorobenzene (Surr)	178	S1+	70 - 130	02/27/25 08:16	02/27/25 13:17	5

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0201	U	0.0201		mg/Kg			02/27/25 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	33500		994		mg/Kg			02/26/25 23:49	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: V - 3

Lab Sample ID: 890-7717-3

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	19600		994		mg/Kg		02/26/25 10:47	02/26/25 23:49	20
Diesel Range Organics (Over C10-C28)	13900		994		mg/Kg		02/26/25 10:47	02/26/25 23:49	20
Oil Range Organics (Over C28-C36)	<994	U	994		mg/Kg		02/26/25 10:47	02/26/25 23:49	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				02/26/25 10:47	02/26/25 23:49	20
o-Terphenyl	539	S1+	70 - 130				02/26/25 10:47	02/26/25 23:49	20

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303		9.92		mg/Kg			02/27/25 00:18	1

Client Sample ID: V - 3

Lab Sample ID: 890-7717-4

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00998	U	0.00998		mg/Kg		02/27/25 08:16	02/27/25 13:37	5
Toluene	<0.00998	U	0.00998		mg/Kg		02/27/25 08:16	02/27/25 13:37	5
Ethylbenzene	<0.00998	U	0.00998		mg/Kg		02/27/25 08:16	02/27/25 13:37	5
m-Xylene & p-Xylene	<0.0200	U	0.0200		mg/Kg		02/27/25 08:16	02/27/25 13:37	5
o-Xylene	0.0108		0.00998		mg/Kg		02/27/25 08:16	02/27/25 13:37	5
Xylenes, Total	<0.0200	U	0.0200		mg/Kg		02/27/25 08:16	02/27/25 13:37	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				02/27/25 08:16	02/27/25 13:37	5
1,4-Difluorobenzene (Surr)	111		70 - 130				02/27/25 08:16	02/27/25 13:37	5

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0200	U	0.0200		mg/Kg			02/27/25 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6040		50.0		mg/Kg			02/27/25 19:00	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		02/26/25 10:50	02/27/25 19:00	1
Diesel Range Organics (Over C10-C28)	6040		50.0		mg/Kg		02/26/25 10:50	02/27/25 19:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/26/25 10:50	02/27/25 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/26/25 10:50	02/27/25 19:00	1
o-Terphenyl	91		70 - 130				02/26/25 10:50	02/27/25 19:00	1

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Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: V - 3

Lab Sample ID: 890-7717-4

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		9.96		mg/Kg			02/27/25 00:24	1

Client Sample ID: V - 4

Lab Sample ID: 890-7717-5

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 17:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/26/25 08:51	02/26/25 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 17:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/26/25 08:51	02/26/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				02/26/25 08:51	02/26/25 17:06	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/26/25 08:51	02/26/25 17:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/26/25 17:06	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			02/27/25 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/26/25 10:50	02/27/25 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/26/25 10:50	02/27/25 18:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/26/25 10:50	02/27/25 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/26/25 10:50	02/27/25 18:16	1
o-Terphenyl	80		70 - 130				02/26/25 10:50	02/27/25 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/27/25 00:30	1

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Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: V - 4

Lab Sample ID: 890-7717-6

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 1

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		02/26/25 08:51	02/26/25 17:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 17:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 17:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 17:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 17:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	02/26/25 08:51	02/26/25 17:27	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/26/25 08:51	02/26/25 17:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/26/25 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/27/25 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 19:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 19:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	02/26/25 10:50	02/27/25 19:15	1
o-Terphenyl	74		70 - 130	02/26/25 10:50	02/27/25 19:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/27/25 00:36	1

Client Sample ID: H - 1

Lab Sample ID: 890-7717-7

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 17:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 17:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 17:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 17:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 17:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	02/26/25 08:51	02/26/25 17:47	1

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Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: H - 1

Lab Sample ID: 890-7717-7

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 0 - 6"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	83		70 - 130	02/26/25 08:51	02/26/25 17:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/26/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/27/25 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	<49.7	U	49.7		mg/Kg		02/26/25 10:50	02/27/25 19:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/26/25 10:50	02/27/25 19:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/26/25 10:50	02/27/25 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				02/26/25 10:50	02/27/25 19:30	1
o-Terphenyl	63	S1-	70 - 130				02/26/25 10:50	02/27/25 19:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2390		49.6		mg/Kg			02/27/25 00:42	5

Client Sample ID: H - 2

Lab Sample ID: 890-7717-8

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 18:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/26/25 08:51	02/26/25 18:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/26/25 08:51	02/26/25 18:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/26/25 08:51	02/26/25 18:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/26/25 08:51	02/26/25 18:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/26/25 08:51	02/26/25 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/26/25 08:51	02/26/25 18:08	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/26/25 08:51	02/26/25 18:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/26/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/27/25 19:44	1

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Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: H - 2

Lab Sample ID: 890-7717-8

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 0 - 6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/26/25 10:50	02/27/25 19:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/26/25 10:50	02/27/25 19:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/26/25 10:50	02/27/25 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				02/26/25 10:50	02/27/25 19:44	1
o-Terphenyl	70		70 - 130				02/26/25 10:50	02/27/25 19:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0		10.1		mg/Kg			02/27/25 00:48	1

Client Sample ID: H - 3

Lab Sample ID: 890-7717-9

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 18:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 18:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 18:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/26/25 08:51	02/26/25 18:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 18:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/26/25 08:51	02/26/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/26/25 08:51	02/26/25 18:28	1
1,4-Difluorobenzene (Surr)	84		70 - 130				02/26/25 08:51	02/26/25 18:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/26/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/27/25 20:00	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		02/26/25 10:50	02/27/25 20:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/26/25 10:50	02/27/25 20:00	1
o-Terphenyl	75		70 - 130				02/26/25 10:50	02/27/25 20:00	1

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Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: H - 3

Lab Sample ID: 890-7717-9

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 0 - 6"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/27/25 00:54	1

Client Sample ID: H - 4

Lab Sample ID: 890-7717-10

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 18:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 18:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 18:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/26/25 08:51	02/26/25 18:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 18:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/26/25 08:51	02/26/25 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				02/26/25 08:51	02/26/25 18:48	1
1,4-Difluorobenzene (Surr)	88		70 - 130				02/26/25 08:51	02/26/25 18:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/26/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/27/25 20:14	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	<49.9	U	49.9		mg/Kg		02/26/25 10:50	02/27/25 20:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/26/25 10:50	02/27/25 20:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/26/25 10:50	02/27/25 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				02/26/25 10:50	02/27/25 20:14	1
o-Terphenyl	65	S1-	70 - 130				02/26/25 10:50	02/27/25 20:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/28/25 02:25	1

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Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: H - 5

Lab Sample ID: 890-7717-11

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 19:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 19:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 19:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/26/25 08:51	02/26/25 19:09	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/26/25 08:51	02/26/25 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			02/26/25 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			02/27/25 20:29	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	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	02/26/25 10:50	02/27/25 20:29	1
o-Terphenyl	63	S1-	70 - 130	02/26/25 10:50	02/27/25 20:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/28/25 02:43	1

Client Sample ID: H - 6

Lab Sample ID: 890-7717-12

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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		02/26/25 08:51	02/26/25 19:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 19:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 19:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 19:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/26/25 08:51	02/26/25 19:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/26/25 08:51	02/26/25 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	02/26/25 08:51	02/26/25 19:29	1

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Client Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: H - 6

Lab Sample ID: 890-7717-12

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Sample Depth: 0 - 6"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	90		70 - 130	02/26/25 08:51	02/26/25 19:29	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			02/26/25 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/27/25 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/26/25 10:50	02/27/25 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/26/25 10:50	02/27/25 20:44	1
o-Terphenyl	65	S1-	70 - 130				02/26/25 10:50	02/27/25 20:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.9		9.94		mg/Kg			02/28/25 02:49	1

Surrogate Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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)
890-7717-1	V - 1	134 S1+	84
890-7717-2	V - 2	131 S1+	83
890-7717-3	V - 3	126	178 S1+
890-7717-4	V - 3	166 S1+	111
890-7717-5	V - 4	126	85
890-7717-6	V - 4	123	84
890-7717-7	H - 1	137 S1+	83
890-7717-8	H - 2	126	87
890-7717-9	H - 3	130	84
890-7717-10	H - 4	129	88
890-7717-11	H - 5	126	86
890-7717-12	H - 6	125	90
890-7723-A-8-C MS	Matrix Spike	128	90
890-7723-A-8-D MSD	Matrix Spike Duplicate	109	77
890-7726-A-19-E MS	Matrix Spike	98	103
890-7726-A-19-F MSD	Matrix Spike Duplicate	93	104
LCS 880-103714/1-A	Lab Control Sample	126	89
LCS 880-103804/1-A	Lab Control Sample	95	106
LCSD 880-103714/2-A	Lab Control Sample Dup	127	93
LCSD 880-103804/2-A	Lab Control Sample Dup	95	104
MB 880-103714/5-A	Method Blank	135 S1+	87
MB 880-103804/5-A	Method Blank	108	89
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)
890-7715-A-29-D MS	Matrix Spike	88	83
890-7715-A-29-E MSD	Matrix Spike Duplicate	100	90
890-7717-1	V - 1	122	101
890-7717-2	V - 2	124	100
890-7717-3	V - 3	133 S1+	539 S1+
890-7717-4	V - 3	70	91
890-7717-5	V - 4	91	80
890-7717-5 MS	V - 4	89	75
890-7717-5 MSD	V - 4	88	74
890-7717-6	V - 4	84	74
890-7717-7	H - 1	77	63 S1-
890-7717-8	H - 2	83	70
890-7717-9	H - 3	90	75
890-7717-10	H - 4	81	65 S1-
890-7717-11	H - 5	77	63 S1-
890-7717-12	H - 6	78	65 S1-
LCS 880-103736/2-A	Lab Control Sample	80	77

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Surrogate Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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)
LCS 880-103737/2-A	Lab Control Sample	94	84
LCSD 880-103736/3-A	Lab Control Sample Dup	82	78
LCSD 880-103737/3-A	Lab Control Sample Dup	93	83
MB 880-103736/1-A	Method Blank	108	101
MB 880-103737/1-A	Method Blank	120	107
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-103714/5-A

Matrix: Solid

Analysis Batch: 103701

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 103714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 12:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/26/25 08:51	02/26/25 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/25 08:51	02/26/25 12:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/26/25 08:51	02/26/25 12:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	02/26/25 08:51	02/26/25 12:09	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/26/25 08:51	02/26/25 12:09	1

Lab Sample ID: LCS 880-103714/1-A

Matrix: Solid

Analysis Batch: 103701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1147		mg/Kg		115	70 - 130
Toluene	0.100	0.1078		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2531		mg/Kg		127	70 - 130
o-Xylene	0.100	0.1229		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-103714/2-A

Matrix: Solid

Analysis Batch: 103701

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 103714

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	0	35
Toluene	0.100	0.1099		mg/Kg		110	70 - 130	2	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2336		mg/Kg		117	70 - 130	8	35
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-7723-A-8-C MS

Matrix: Solid

Analysis Batch: 103701

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 103714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.00100	0.1258		mg/Kg		NC	70 - 130
Toluene	<0.00199	U F1	0.00100	0.1104		mg/Kg		NC	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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

Lab Sample ID: 890-7723-A-8-C MS

Matrix: Solid

Analysis Batch: 103701

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 103714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U F1	0.00100	0.1108		mg/Kg		NC	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.00200	0.2400		mg/Kg		NC	70 - 130
o-Xylene	<0.00199	U F1	0.00100	0.1156		mg/Kg		NC	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 890-7723-A-8-D MSD

Matrix: Solid

Analysis Batch: 103701

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 103714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	<0.00400	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00199	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: MB 880-103804/5-A

Matrix: Solid

Analysis Batch: 103807

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 103804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/25 08:16	02/27/25 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/25 08:16	02/27/25 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/25 08:16	02/27/25 11:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/27/25 08:16	02/27/25 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/25 08:16	02/27/25 11:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/27/25 08:16	02/27/25 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/27/25 08:16	02/27/25 11:34	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/27/25 08:16	02/27/25 11:34	1

Lab Sample ID: LCS 880-103804/1-A

Matrix: Solid

Analysis Batch: 103807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1015		mg/Kg		101	70 - 130
Toluene	0.100	0.1047		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.09423		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1913		mg/Kg		96	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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

Lab Sample ID: LCS 880-103804/1-A

Matrix: Solid

Analysis Batch: 103807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09663		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-103804/2-A

Matrix: Solid

Analysis Batch: 103807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 103804

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1042		mg/Kg		104	70 - 130	3	35
Toluene	0.100	0.1068		mg/Kg		107	70 - 130	2	35
Ethylbenzene	0.100	0.09679		mg/Kg		97	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1958		mg/Kg		98	70 - 130	2	35
o-Xylene	0.100	0.09949		mg/Kg		99	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-7726-A-19-E MS

Matrix: Solid

Analysis Batch: 103807

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 103804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.1015		mg/Kg		101	70 - 130
Toluene	<0.00199	U	0.100	0.1002		mg/Kg		100	70 - 130
Ethylbenzene	<0.00199	U	0.100	0.08856		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1780		mg/Kg		89	70 - 130
o-Xylene	<0.00199	U	0.100	0.08847		mg/Kg		88	70 - 130

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

Lab Sample ID: 890-7726-A-19-F MSD

Matrix: Solid

Analysis Batch: 103807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 103804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1038		mg/Kg		104	70 - 130	2	35
Toluene	<0.00199	U	0.100	0.1027		mg/Kg		103	70 - 130	2	35
Ethylbenzene	<0.00199	U	0.100	0.09041		mg/Kg		90	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1811		mg/Kg		91	70 - 130	2	35
o-Xylene	<0.00199	U	0.100	0.09037		mg/Kg		90	70 - 130	2	35

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QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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

Lab Sample ID: 890-7726-A-19-F MSD

Matrix: Solid

Analysis Batch: 103807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 103804

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-103736/1-A

Matrix: Solid

Analysis Batch: 103726

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 103736

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		02/26/25 10:40	02/26/25 16:59	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/26/25 10:40	02/26/25 16:59	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/26/25 10:40	02/26/25 16:59	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	108		70 - 130				02/26/25 10:40	02/26/25 16:59	1	
o-Terphenyl	101		70 - 130				02/26/25 10:40	02/26/25 16:59	1	

Lab Sample ID: LCS 880-103736/2-A

Matrix: Solid

Analysis Batch: 103726

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103736

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	856.2		mg/Kg		86		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	796.1		mg/Kg		80		70 - 130		
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	80		70 - 130							
o-Terphenyl	77		70 - 130							

Lab Sample ID: LCSD 880-103736/3-A

Matrix: Solid

Analysis Batch: 103726

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 103736

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	878.3		mg/Kg		88		70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	842.6		mg/Kg		84		70 - 130	6	20
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	82		70 - 130							
o-Terphenyl	78		70 - 130							

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QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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

Lab Sample ID: 890-7715-A-29-D MS

Matrix: Solid

Analysis Batch: 103726

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 103736

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	996	844.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	856.6		mg/Kg		86	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 890-7715-A-29-E MSD

Matrix: Solid

Analysis Batch: 103726

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 103736

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	996	962.8		mg/Kg		97	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	924.8		mg/Kg		93	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: MB 880-103737/1-A

Matrix: Solid

Analysis Batch: 103814

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 103737

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		02/26/25 10:40	02/27/25 17:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/26/25 10:40	02/27/25 17:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/26/25 10:40	02/27/25 17:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				02/26/25 10:40	02/27/25 17:31	1
o-Terphenyl	107		70 - 130				02/26/25 10:40	02/27/25 17:31	1

Lab Sample ID: LCS 880-103737/2-A

Matrix: Solid

Analysis Batch: 103814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103737

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1189		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1067		mg/Kg		107	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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

Lab Sample ID: LCS 880-103737/2-A

Matrix: Solid

Analysis Batch: 103814

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 103737

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	84		70 - 130

Lab Sample ID: LCSD 880-103737/3-A

Matrix: Solid

Analysis Batch: 103814

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 103737

			Spike	LCSD	LCSD				%Rec			
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1147		mg/Kg		115	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	1034		mg/Kg		103	70 - 130	3	20	
	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	93		70 - 130									
o-Terphenyl	83		70 - 130									

Lab Sample ID: 890-7717-5 MS

Matrix: Solid

Analysis Batch: 103814

Client Sample ID: V - 4

Prep Type: Total/NA

Prep Batch: 103737

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	873.8		mg/Kg		88	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	998	808.5		mg/Kg		81	70 - 130			
	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	89		70 - 130									
o-Terphenyl	75		70 - 130									

Lab Sample ID: 890-7717-5 MSD

Matrix: Solid

Analysis Batch: 103814

Client Sample ID: V - 4

Prep Type: Total/NA

Prep Batch: 103737

	Sample	Sample	Spike	MSD	MSD				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	880.8		mg/Kg		88	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	998	785.9		mg/Kg		79	70 - 130	3	20	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	88		70 - 130									
o-Terphenyl	74		70 - 130									

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QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-103702/1-A

Matrix: Solid

Analysis Batch: 103752

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			02/26/25 21:52	1

Lab Sample ID: LCS 880-103702/2-A

Matrix: Solid

Analysis Batch: 103752

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-103702/3-A

Matrix: Solid

Analysis Batch: 103752

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.6		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-7715-A-45-B MS

Matrix: Solid

Analysis Batch: 103752

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	<9.98	U	250	241.3		mg/Kg		95	90 - 110

Lab Sample ID: 890-7715-A-45-C MSD

Matrix: Solid

Analysis Batch: 103752

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	<9.98	U	250	241.8		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-103756/1-A

Matrix: Solid

Analysis Batch: 103850

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			02/28/25 00:22	1

Lab Sample ID: LCS 880-103756/2-A

Matrix: Solid

Analysis Batch: 103850

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.4		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-103756/3-A

Matrix: Solid

Analysis Batch: 103850

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	262.2		mg/Kg		105	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-54893-A-1-D MS
Matrix: Solid
Analysis Batch: 103850

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	30.3		249	294.9		mg/Kg		106	90 - 110		

Lab Sample ID: 880-54893-A-1-E MSD
Matrix: Solid
Analysis Batch: 103850

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	30.3		249	295.3		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

GC VOA

Analysis Batch: 103701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Total/NA	Solid	8021B	103714
890-7717-2	V - 2	Total/NA	Solid	8021B	103714
890-7717-5	V - 4	Total/NA	Solid	8021B	103714
890-7717-6	V - 4	Total/NA	Solid	8021B	103714
890-7717-7	H - 1	Total/NA	Solid	8021B	103714
890-7717-8	H - 2	Total/NA	Solid	8021B	103714
890-7717-9	H - 3	Total/NA	Solid	8021B	103714
890-7717-10	H - 4	Total/NA	Solid	8021B	103714
890-7717-11	H - 5	Total/NA	Solid	8021B	103714
890-7717-12	H - 6	Total/NA	Solid	8021B	103714
MB 880-103714/5-A	Method Blank	Total/NA	Solid	8021B	103714
LCS 880-103714/1-A	Lab Control Sample	Total/NA	Solid	8021B	103714
LCSD 880-103714/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	103714
890-7723-A-8-C MS	Matrix Spike	Total/NA	Solid	8021B	103714
890-7723-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	103714

Prep Batch: 103714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Total/NA	Solid	5035	
890-7717-2	V - 2	Total/NA	Solid	5035	
890-7717-5	V - 4	Total/NA	Solid	5035	
890-7717-6	V - 4	Total/NA	Solid	5035	
890-7717-7	H - 1	Total/NA	Solid	5035	
890-7717-8	H - 2	Total/NA	Solid	5035	
890-7717-9	H - 3	Total/NA	Solid	5035	
890-7717-10	H - 4	Total/NA	Solid	5035	
890-7717-11	H - 5	Total/NA	Solid	5035	
890-7717-12	H - 6	Total/NA	Solid	5035	
MB 880-103714/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-103714/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-103714/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7723-A-8-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7723-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 103771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Total/NA	Solid	Total BTEX	
890-7717-2	V - 2	Total/NA	Solid	Total BTEX	
890-7717-3	V - 3	Total/NA	Solid	Total BTEX	
890-7717-4	V - 3	Total/NA	Solid	Total BTEX	
890-7717-5	V - 4	Total/NA	Solid	Total BTEX	
890-7717-6	V - 4	Total/NA	Solid	Total BTEX	
890-7717-7	H - 1	Total/NA	Solid	Total BTEX	
890-7717-8	H - 2	Total/NA	Solid	Total BTEX	
890-7717-9	H - 3	Total/NA	Solid	Total BTEX	
890-7717-10	H - 4	Total/NA	Solid	Total BTEX	
890-7717-11	H - 5	Total/NA	Solid	Total BTEX	
890-7717-12	H - 6	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

GC VOA

Prep Batch: 103804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-3	V - 3	Total/NA	Solid	5035	
890-7717-4	V - 3	Total/NA	Solid	5035	
MB 880-103804/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-103804/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-103804/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7726-A-19-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7726-A-19-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 103807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-3	V - 3	Total/NA	Solid	8021B	103804
890-7717-4	V - 3	Total/NA	Solid	8021B	103804
MB 880-103804/5-A	Method Blank	Total/NA	Solid	8021B	103804
LCS 880-103804/1-A	Lab Control Sample	Total/NA	Solid	8021B	103804
LCSD 880-103804/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	103804
890-7726-A-19-E MS	Matrix Spike	Total/NA	Solid	8021B	103804
890-7726-A-19-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	103804

GC Semi VOA

Analysis Batch: 103726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Total/NA	Solid	8015B NM	103736
890-7717-2	V - 2	Total/NA	Solid	8015B NM	103736
890-7717-3	V - 3	Total/NA	Solid	8015B NM	103736
MB 880-103736/1-A	Method Blank	Total/NA	Solid	8015B NM	103736
LCS 880-103736/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	103736
LCSD 880-103736/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	103736
890-7715-A-29-D MS	Matrix Spike	Total/NA	Solid	8015B NM	103736
890-7715-A-29-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	103736

Prep Batch: 103736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Total/NA	Solid	8015NM Prep	
890-7717-2	V - 2	Total/NA	Solid	8015NM Prep	
890-7717-3	V - 3	Total/NA	Solid	8015NM Prep	
MB 880-103736/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-103736/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-103736/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7715-A-29-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7715-A-29-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 103737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-4	V - 3	Total/NA	Solid	8015NM Prep	
890-7717-5	V - 4	Total/NA	Solid	8015NM Prep	
890-7717-6	V - 4	Total/NA	Solid	8015NM Prep	
890-7717-7	H - 1	Total/NA	Solid	8015NM Prep	
890-7717-8	H - 2	Total/NA	Solid	8015NM Prep	
890-7717-9	H - 3	Total/NA	Solid	8015NM Prep	
890-7717-10	H - 4	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

GC Semi VOA (Continued)

Prep Batch: 103737 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-11	H - 5	Total/NA	Solid	8015NM Prep	
890-7717-12	H - 6	Total/NA	Solid	8015NM Prep	
MB 880-103737/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-103737/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-103737/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7717-5 MS	V - 4	Total/NA	Solid	8015NM Prep	
890-7717-5 MSD	V - 4	Total/NA	Solid	8015NM Prep	

Analysis Batch: 103814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-4	V - 3	Total/NA	Solid	8015B NM	103737
890-7717-5	V - 4	Total/NA	Solid	8015B NM	103737
890-7717-6	V - 4	Total/NA	Solid	8015B NM	103737
890-7717-7	H - 1	Total/NA	Solid	8015B NM	103737
890-7717-8	H - 2	Total/NA	Solid	8015B NM	103737
890-7717-9	H - 3	Total/NA	Solid	8015B NM	103737
890-7717-10	H - 4	Total/NA	Solid	8015B NM	103737
890-7717-11	H - 5	Total/NA	Solid	8015B NM	103737
890-7717-12	H - 6	Total/NA	Solid	8015B NM	103737
MB 880-103737/1-A	Method Blank	Total/NA	Solid	8015B NM	103737
LCS 880-103737/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	103737
LCSD 880-103737/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	103737
890-7717-5 MS	V - 4	Total/NA	Solid	8015B NM	103737
890-7717-5 MSD	V - 4	Total/NA	Solid	8015B NM	103737

Analysis Batch: 103993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Total/NA	Solid	8015 NM	
890-7717-2	V - 2	Total/NA	Solid	8015 NM	
890-7717-3	V - 3	Total/NA	Solid	8015 NM	
890-7717-4	V - 3	Total/NA	Solid	8015 NM	
890-7717-5	V - 4	Total/NA	Solid	8015 NM	
890-7717-6	V - 4	Total/NA	Solid	8015 NM	
890-7717-7	H - 1	Total/NA	Solid	8015 NM	
890-7717-8	H - 2	Total/NA	Solid	8015 NM	
890-7717-9	H - 3	Total/NA	Solid	8015 NM	
890-7717-10	H - 4	Total/NA	Solid	8015 NM	
890-7717-11	H - 5	Total/NA	Solid	8015 NM	
890-7717-12	H - 6	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 103702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Soluble	Solid	DI Leach	
890-7717-2	V - 2	Soluble	Solid	DI Leach	
890-7717-3	V - 3	Soluble	Solid	DI Leach	
890-7717-4	V - 3	Soluble	Solid	DI Leach	
890-7717-5	V - 4	Soluble	Solid	DI Leach	
890-7717-6	V - 4	Soluble	Solid	DI Leach	
890-7717-7	H - 1	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

HPLC/IC (Continued)

Leach Batch: 103702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-8	H - 2	Soluble	Solid	DI Leach	
890-7717-9	H - 3	Soluble	Solid	DI Leach	
MB 880-103702/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-103702/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-103702/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7715-A-45-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7715-A-45-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 103752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-1	V - 1	Soluble	Solid	300.0	103702
890-7717-2	V - 2	Soluble	Solid	300.0	103702
890-7717-3	V - 3	Soluble	Solid	300.0	103702
890-7717-4	V - 3	Soluble	Solid	300.0	103702
890-7717-5	V - 4	Soluble	Solid	300.0	103702
890-7717-6	V - 4	Soluble	Solid	300.0	103702
890-7717-7	H - 1	Soluble	Solid	300.0	103702
890-7717-8	H - 2	Soluble	Solid	300.0	103702
890-7717-9	H - 3	Soluble	Solid	300.0	103702
MB 880-103702/1-A	Method Blank	Soluble	Solid	300.0	103702
LCS 880-103702/2-A	Lab Control Sample	Soluble	Solid	300.0	103702
LCSD 880-103702/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	103702
890-7715-A-45-B MS	Matrix Spike	Soluble	Solid	300.0	103702
890-7715-A-45-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	103702

Leach Batch: 103756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-10	H - 4	Soluble	Solid	DI Leach	
890-7717-11	H - 5	Soluble	Solid	DI Leach	
890-7717-12	H - 6	Soluble	Solid	DI Leach	
MB 880-103756/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-103756/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-103756/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-54893-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-54893-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 103850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7717-10	H - 4	Soluble	Solid	300.0	103756
890-7717-11	H - 5	Soluble	Solid	300.0	103756
890-7717-12	H - 6	Soluble	Solid	300.0	103756
MB 880-103756/1-A	Method Blank	Soluble	Solid	300.0	103756
LCS 880-103756/2-A	Lab Control Sample	Soluble	Solid	300.0	103756
LCSD 880-103756/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	103756
880-54893-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	103756
880-54893-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	103756

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: V - 1

Lab Sample ID: 890-7717-1

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 14:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/26/25 23:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	103736	02/26/25 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103726	02/26/25 23:17	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/26/25 23:53	CH	EET MID

Client Sample ID: V - 2

Lab Sample ID: 890-7717-2

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 16:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/26/25 23:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	103736	02/26/25 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103726	02/26/25 23:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/26/25 23:59	CH	EET MID

Client Sample ID: V - 3

Lab Sample ID: 890-7717-3

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103804	02/27/25 08:16	MNR	EET MID
Total/NA	Analysis	8021B		5	5 mL	5 mL	103807	02/27/25 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/27/25 13:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/26/25 23:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	103736	02/26/25 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		20	1 uL	1 uL	103726	02/26/25 23:49	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/27/25 00:18	CH	EET MID

Client Sample ID: V - 3

Lab Sample ID: 890-7717-4

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103804	02/27/25 08:16	MNR	EET MID
Total/NA	Analysis	8021B		5	5 mL	5 mL	103807	02/27/25 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/27/25 13:37	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: V - 3

Lab Sample ID: 890-7717-4

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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			103993	02/27/25 19:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 19:00	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/27/25 00:24	CH	EET MID

Client Sample ID: V - 4

Lab Sample ID: 890-7717-5

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 17:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 18:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 18:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/27/25 00:30	CH	EET MID

Client Sample ID: V - 4

Lab Sample ID: 890-7717-6

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 17:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 19:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 19:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/27/25 00:36	CH	EET MID

Client Sample ID: H - 1

Lab Sample ID: 890-7717-7

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 17:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 19:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 19:30	TKC	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: H - 1

Lab Sample ID: 890-7717-7

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	103752	02/27/25 00:42	CH	EET MID

Client Sample ID: H - 2

Lab Sample ID: 890-7717-8

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 18:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 19:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 19:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/27/25 00:48	CH	EET MID

Client Sample ID: H - 3

Lab Sample ID: 890-7717-9

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 18:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 20:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 20:00	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	103702	02/26/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103752	02/27/25 00:54	CH	EET MID

Client Sample ID: H - 4

Lab Sample ID: 890-7717-10

Date Collected: 02/24/25 00:00

Matrix: Solid

Date Received: 02/25/25 10:26

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	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 18:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 20:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 20:14	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	103756	02/26/25 14:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103850	02/28/25 02:25	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Client Sample ID: H - 5

Date Collected: 02/24/25 00:00

Date Received: 02/25/25 10:26

Lab Sample ID: 890-7717-11

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			5.03 g	5 mL	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 19:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 20:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 20:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	103756	02/26/25 14:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103850	02/28/25 02:43	SMC	EET MID

Client Sample ID: H - 6

Date Collected: 02/24/25 00:00

Date Received: 02/25/25 10:26

Lab Sample ID: 890-7717-12

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			5.02 g	5 mL	103714	02/26/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	103701	02/26/25 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103771	02/26/25 19:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103993	02/27/25 20:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	103737	02/26/25 10:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	103814	02/27/25 20:44	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	103756	02/26/25 14:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	103850	02/28/25 02:49	SMC	EET MID

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Laboratory: Eurofins Midland

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

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

Method Summary

Client: NT Global
Project/Site: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

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: BUFFETT BFF STATE #001

Job ID: 890-7717-1
SDG: 259736

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7717-1	V - 1	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-2	V - 2	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-3	V - 3	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-4	V - 3	Solid	02/24/25 00:00	02/25/25 10:26	1
890-7717-5	V - 4	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-6	V - 4	Solid	02/24/25 00:00	02/25/25 10:26	1
890-7717-7	H - 1	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-8	H - 2	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-9	H - 3	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-10	H - 4	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-11	H - 5	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"
890-7717-12	H - 6	Solid	02/24/25 00:00	02/25/25 10:26	0 - 6"



Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 W. McKay St	Address:	
City, State ZIP:	Carlsbad, New Mexico, 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	

Work Order Comments	
Program:	UST/PS ☐ PR ☐ Brownfie ☐ R ☐ Supe ☐
State of Project:	
Reporting:	Level ☐ Level ☐ PST/U ☐ TR ☐ Le ☐
Deliverables:	EDD ☐ ADA ☐ P ☐ Other: ☐

Project Name:		Buffett BFF State #001		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes									
Project Number:		259736		☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O									
Project Location		Lea County, New Mexico		Due Date:														Cool: Cool	MeOH: Me									
Sampler's Name:		Clayton Tumas		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN									
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No		Wet Ice:		☐ Yes ☒ No		Parameters	BTEX 8021B	8015M (GRO + DRO + MRO)	Chloride 4500	 890-7717 Chain of Custody												HOLD	H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:		TNM07		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:		-17.2		Zn Acetate+NaOH: Zn																				
Total Containers:		12		Corrected Temperature:		-17.0		NaOH+Ascorbic Acid: SAPC																				

[illegible]

Additional Comments:	NMOCD ID:
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Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 Clayton Thomas				2/25 10:00am	
3					
5					

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7717-1

SDG Number: 259736

Login Number: 7717

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	
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: 890-7717-1

SDG Number: 259736

Login Number: 7717

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 02/26/25 09:39 AM

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



Environment Testing

- 1
- 2
- 3
- 4
- 5
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ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 4/1/2025 11:39:40 AM

JOB DESCRIPTION

Buffet BFF State #001 Back fill
259736

JOB NUMBER

890-7857-1

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



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Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Laboratory Job ID: 890-7857-1
SDG: 259736

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Definitions/Glossary

Client: NT Global

Job ID: 890-7857-1

Project/Site: Buffet BFF State #001 Back fill

SDG: 259736

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: Buffet BFF State #001 Back fill

Job ID: 890-7857-1

Job ID: 890-7857-1

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Job Narrative 890-7857-1

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

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

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

Receipt

The samples were received on 3/26/2025 2:42 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

Receipt Exceptions

The following samples > were received and analyzed from an unpreserved bulk soil jar: BF-1 (890-7857-1) and BF-2 (890-7857-2).

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: Surrogate recovery for the following sample was outside control limits: (LCS 880-106290/2-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

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106318 and analytical batch 880-106371 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: BF-1 (890-7857-1), BF-2 (890-7857-2), (880-56137-A-3-C), (880-56137-A-3-D MS) and (880-56137-A-3-E MSD).

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

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Client Sample Results

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

Client Sample ID: BF-1

Lab Sample ID: 890-7857-1

Date Collected: 03/25/25 00:00

Matrix: Solid

Date Received: 03/26/25 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 18:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 18:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 18:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 10:00	03/27/25 18:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 18:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 10:00	03/27/25 18:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/27/25 10:00	03/27/25 18:55	1
1,4-Difluorobenzene (Surr)	81		70 - 130	03/27/25 10:00	03/27/25 18:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/28/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/28/25 07:02	03/28/25 20:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/28/25 07:02	03/28/25 20:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/28/25 07:02	03/28/25 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	03/28/25 07:02	03/28/25 20:10	1
o-Terphenyl	84		70 - 130	03/28/25 07:02	03/28/25 20:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		9.98		mg/Kg			03/31/25 19:58	1

Client Sample ID: BF-2

Lab Sample ID: 890-7857-2

Date Collected: 03/25/25 00:00

Matrix: Solid

Date Received: 03/26/25 14:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 19:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 10:00	03/27/25 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 19:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 10:00	03/27/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/27/25 10:00	03/27/25 19:15	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/27/25 10:00	03/27/25 19:15	1

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Client Sample Results

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

Client Sample ID: BF-2
Date Collected: 03/25/25 00:00
Date Received: 03/26/25 14:42

Lab Sample ID: 890-7857-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 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	<50.0	U	50.0		mg/Kg			03/28/25 20:27	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 20:27	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 20:27	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 20:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	94		70 - 130				03/28/25 07:02	03/28/25 20:27	1	
o-Terphenyl	90		70 - 130				03/28/25 07:02	03/28/25 20:27	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	126		10.0		mg/Kg			03/31/25 20:04	1	

Surrogate Summary

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7848-A-1-A MS	Matrix Spike	130	102
890-7848-A-1-B MSD	Matrix Spike Duplicate	103	89
890-7857-1	BF-1	108	81
890-7857-2	BF-2	110	87
LCS 880-106182/1-A	Lab Control Sample	127	90
LCSD 880-106182/2-A	Lab Control Sample Dup	117	99
MB 880-106182/5-A	Method Blank	93	89
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7856-A-15-D MS	Matrix Spike	93	88
890-7856-A-15-E MSD	Matrix Spike Duplicate	100	97
890-7857-1	BF-1	90	84
890-7857-2	BF-2	94	90
LCS 880-106290/2-A	Lab Control Sample	135 S1+	126
LCSD 880-106290/3-A	Lab Control Sample Dup	127	120
MB 880-106290/1-A	Method Blank	99	98
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global

Job ID: 890-7857-1

Project/Site: Buffet BFF State #001 Back fill

SDG: 259736

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106182/5-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 12:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/25 10:00	03/27/25 12:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 10:00	03/27/25 12:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/25 10:00	03/27/25 12:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/27/25 10:00	03/27/25 12:22	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/27/25 10:00	03/27/25 12:22	1

Lab Sample ID: LCS 880-106182/1-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106182

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09931		mg/Kg		99	70 - 130
Toluene	0.100	0.09773		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1233		mg/Kg		123	70 - 130
m-Xylene & p-Xylene	0.200	0.2374		mg/Kg		119	70 - 130
o-Xylene	0.100	0.1137		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-106182/2-A

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106182

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09850		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.09297		mg/Kg		93	70 - 130	5	35
Ethylbenzene	0.100	0.08745		mg/Kg		87	70 - 130	34	35
m-Xylene & p-Xylene	0.200	0.1691		mg/Kg		85	70 - 130	34	35
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7848-A-1-A MS

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.101	0.1014		mg/Kg		101	70 - 130
Toluene	<0.00198	U	0.101	0.09517		mg/Kg		95	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

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

Lab Sample ID: 890-7848-A-1-A MS

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106182

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Ethylbenzene	<0.00198	U	0.101	0.1180		mg/Kg		117	70 - 130	
m-Xylene & p-Xylene	<0.00397	U	0.201	0.2331		mg/Kg		116	70 - 130	
o-Xylene	<0.00198	U	0.101	0.1122		mg/Kg		112	70 - 130	

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

Lab Sample ID: 890-7848-A-1-B MSD

Matrix: Solid

Analysis Batch: 106175

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106182

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits		RPD	Limit
Benzene	<0.00198	U	0.100	0.09282		mg/Kg		93	70 - 130		9	35
Toluene	<0.00198	U	0.100	0.09157		mg/Kg		91	70 - 130		4	35
Ethylbenzene	<0.00198	U	0.100	0.08537		mg/Kg		85	70 - 130		32	35
m-Xylene & p-Xylene	<0.00397	U	0.200	0.1852		mg/Kg		92	70 - 130		23	35
o-Xylene	<0.00198	U	0.100	0.08887		mg/Kg		89	70 - 130		23	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

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

Lab Sample ID: MB 880-106290/1-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106290

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 12:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 12:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 12:49	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	99		70 - 130	03/28/25 07:02	03/28/25 12:49	1
o-Terphenyl	98		70 - 130	03/28/25 07:02	03/28/25 12:49	1

Lab Sample ID: LCS 880-106290/2-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106290

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	
							Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	914.5		mg/Kg		91	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1014		mg/Kg		101	70 - 130	

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QC Sample Results

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

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

Lab Sample ID: LCS 880-106290/2-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106290

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: LCSD 880-106290/3-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106290

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	892.2		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	958.3		mg/Kg		96	70 - 130	6	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 890-7856-A-15-D MS

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	729.7		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	770.2		mg/Kg		77	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 890-7856-A-15-E MSD

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106290

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	772.8		mg/Kg		78	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	864.1		mg/Kg		87	70 - 130	11	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	97		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106318/1-A
Matrix: Solid
Analysis Batch: 106371

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/31/25 17:17	1

Lab Sample ID: LCS 880-106318/2-A
Matrix: Solid
Analysis Batch: 106371

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.3		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-106318/3-A
Matrix: Solid
Analysis Batch: 106371

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	251.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-56137-A-3-D MS
Matrix: Solid
Analysis Batch: 106371

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	627	F1	248	846.2	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-56137-A-3-E MSD
Matrix: Solid
Analysis Batch: 106371

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	627	F1	248	846.4	F1	mg/Kg		88	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

GC VOA

Analysis Batch: 106175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Total/NA	Solid	8021B	106182
890-7857-2	BF-2	Total/NA	Solid	8021B	106182
MB 880-106182/5-A	Method Blank	Total/NA	Solid	8021B	106182
LCS 880-106182/1-A	Lab Control Sample	Total/NA	Solid	8021B	106182
LCSD 880-106182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106182
890-7848-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	106182
890-7848-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106182

Prep Batch: 106182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Total/NA	Solid	5035	
890-7857-2	BF-2	Total/NA	Solid	5035	
MB 880-106182/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106182/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7848-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7848-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Total/NA	Solid	Total BTEX	
890-7857-2	BF-2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Total/NA	Solid	8015NM Prep	
890-7857-2	BF-2	Total/NA	Solid	8015NM Prep	
MB 880-106290/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106290/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7856-A-15-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7856-A-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Total/NA	Solid	8015B NM	106290
890-7857-2	BF-2	Total/NA	Solid	8015B NM	106290
MB 880-106290/1-A	Method Blank	Total/NA	Solid	8015B NM	106290
LCS 880-106290/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106290
LCSD 880-106290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106290
890-7856-A-15-D MS	Matrix Spike	Total/NA	Solid	8015B NM	106290
890-7856-A-15-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106290

Analysis Batch: 106513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Total/NA	Solid	8015 NM	
890-7857-2	BF-2	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

HPLC/IC

Leach Batch: 106318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Soluble	Solid	DI Leach	
890-7857-2	BF-2	Soluble	Solid	DI Leach	
MB 880-106318/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106318/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106318/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56137-A-3-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56137-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 106371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7857-1	BF-1	Soluble	Solid	300.0	106318
890-7857-2	BF-2	Soluble	Solid	300.0	106318
MB 880-106318/1-A	Method Blank	Soluble	Solid	300.0	106318
LCS 880-106318/2-A	Lab Control Sample	Soluble	Solid	300.0	106318
LCSD 880-106318/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106318
880-56137-A-3-D MS	Matrix Spike	Soluble	Solid	300.0	106318
880-56137-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	106318

Lab Chronicle

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

Client Sample ID: BF-1

Lab Sample ID: 890-7857-1

Date Collected: 03/25/25 00:00

Matrix: Solid

Date Received: 03/26/25 14:42

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	106182	03/27/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106175	03/27/25 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106345	03/27/25 18:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106513	03/28/25 20:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 20:10	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	106318	03/28/25 10:15	SMC	EET MID
Soluble	Analysis	300.0		1			106371	03/31/25 19:58	SMC	EET MID

Client Sample ID: BF-2

Lab Sample ID: 890-7857-2

Date Collected: 03/25/25 00:00

Matrix: Solid

Date Received: 03/26/25 14:42

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	106182	03/27/25 10:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106175	03/27/25 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106345	03/27/25 19:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106513	03/28/25 20:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 20:27	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106318	03/28/25 10:15	SMC	EET MID
Soluble	Analysis	300.0		1			106371	03/31/25 20:04	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

Laboratory: Eurofins Midland

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

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

Method Summary

Client: NT Global
Project/Site: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

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: Buffet BFF State #001 Back fill

Job ID: 890-7857-1
SDG: 259736

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7857-1	BF-1	Solid	03/25/25 00:00	03/26/25 14:42
890-7857-2	BF-2	Solid	03/25/25 00:00	03/26/25 14:42

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890-7857 Chain of Custody

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTGE	Company Name:	
Address:	209 West McKay Street	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:		Email:	

WORK ORDER COMMENTS

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenoco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 	2 	3 14:08 3/26	4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7857-1

SDG Number: 259736

Login Number: 7857

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: 890-7857-1

SDG Number: 259736

Login Number: 7857

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 03/27/25 10:48 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: Gordon Banks
NT Global
701 Tradewinds Blvd
Midland, Texas 79706
Generated 4/2/2025 4:08:56 PM

JOB DESCRIPTION

Buffett BFF State #001
259736

JOB NUMBER

890-7856-1

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
4/2/2025 4:08:56 PM

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

Client: NT Global
Project/Site: Buffett BFF State #001

Laboratory Job ID: 890-7856-1
SDG: 259736

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Definitions/Glossary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD 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: Buffett BFF State #001

Job ID: 890-7856-1

Job ID: 890-7856-1

Eurofins Carlsbad

Job Narrative
890-7856-1

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

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

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

Receipt

The samples were received on 3/26/2025 2:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (890-7856-1), CS-2 (890-7856-2), CS-3 (890-7856-3), CS-4 (890-7856-4), CS-5 (890-7856-5), CS-6 (890-7856-6), CS-7 (890-7856-7), CS-8 (890-7856-8), CS-9 (890-7856-9), CS-10 (890-7856-10), CS-11 (890-7856-11), CS-12 (890-7856-12), SW-1 (890-7856-13), SW-2 (890-7856-14), SW-3 (890-7856-15), SW-4 (890-7856-16), SW-5 (890-7856-17), SW-6 (890-7856-18), SW-7 (890-7856-19) and SW-8 (890-7856-20).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106195 and analytical batch 880-106172 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-106290/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The CCV was biased low for gasoline range hydrocarbons. Another CCV was analyzed and acceptable within the 12 hour window; therefore, the data was qualified and reported.

(CCV 880-106603/74)

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-106634 and analytical batch 880-106603 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

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: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-1

Lab Sample ID: 890-7856-1

Date Collected: 03/26/25 10:30

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 13:22	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		03/27/25 11:21	03/27/25 13:22	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		03/27/25 11:21	03/27/25 13:22	1
m-Xylene & p-Xylene	<0.00397	U F1	0.00397		mg/Kg		03/27/25 11:21	03/27/25 13:22	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		03/27/25 11:21	03/27/25 13:22	1
Xylenes, Total	<0.00397	U F1	0.00397		mg/Kg		03/27/25 11:21	03/27/25 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/27/25 11:21	03/27/25 13:22	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/27/25 11:21	03/27/25 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	565		50.3		mg/Kg			04/01/25 16:01	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	<50.3	U *1	50.3		mg/Kg		04/01/25 09:38	04/01/25 16:01	1
Diesel Range Organics (Over C10-C28)	565	*1	50.3		mg/Kg		04/01/25 09:38	04/01/25 16:01	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/01/25 09:38	04/01/25 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	04/01/25 09:38	04/01/25 16:01	1
o-Terphenyl	134	S1+	70 - 130	04/01/25 09:38	04/01/25 16:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		9.94		mg/Kg			03/28/25 01:31	1

Client Sample ID: CS-2

Lab Sample ID: 890-7856-2

Date Collected: 03/26/25 10:33

Matrix: Solid

Date Received: 03/26/25 14:08

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		03/27/25 11:21	03/27/25 13:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 13:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 13:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/27/25 11:21	03/27/25 13:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 13:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/27/25 11:21	03/27/25 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/27/25 11:21	03/27/25 13:42	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/27/25 11:21	03/27/25 13:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/27/25 13:42	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-2

Lab Sample ID: 890-7856-2

Date Collected: 03/26/25 10:33

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	122		50.1		mg/Kg			04/01/25 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	50.1		mg/Kg		04/01/25 09:38	04/01/25 17:03	1
Diesel Range Organics (Over C10-C28)	122	*1	50.1		mg/Kg		04/01/25 09:38	04/01/25 17:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/01/25 09:38	04/01/25 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/01/25 09:38	04/01/25 17:03	1
o-Terphenyl	115		70 - 130				04/01/25 09:38	04/01/25 17:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.2		9.92		mg/Kg			03/28/25 01:53	1

Client Sample ID: CS-3

Lab Sample ID: 890-7856-3

Date Collected: 03/26/25 10:36

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 14:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 14:03	1
Ethylbenzene	0.00296		0.00199		mg/Kg		03/27/25 11:21	03/27/25 14:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 14:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 14:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/27/25 11:21	03/27/25 14:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/27/25 11:21	03/27/25 14:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/25 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	185		50.4		mg/Kg			04/01/25 16:21	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	<50.4	U *1	50.4		mg/Kg		04/01/25 09:38	04/01/25 16:21	1
Diesel Range Organics (Over C10-C28)	185	*1	50.4		mg/Kg		04/01/25 09:38	04/01/25 16:21	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/01/25 09:38	04/01/25 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/01/25 09:38	04/01/25 16:21	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-3

Lab Sample ID: 890-7856-3

Date Collected: 03/26/25 10:36

Matrix: Solid

Date Received: 03/26/25 14:08

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	109		70 - 130	04/01/25 09:38	04/01/25 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.9		10.0		mg/Kg			03/28/25 02:00	1

Client Sample ID: CS-4

Lab Sample ID: 890-7856-4

Date Collected: 03/26/25 10:39

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 14:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 14:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/27/25 11:21	03/27/25 14:23	1
1,4-Difluorobenzene (Surr)	89		70 - 130				03/27/25 11:21	03/27/25 14:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 14:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	67.1		50.5		mg/Kg			04/01/25 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	50.5		mg/Kg		04/01/25 09:38	04/01/25 17:44	1
Diesel Range Organics (Over C10-C28)	67.1	*1	50.5		mg/Kg		04/01/25 09:38	04/01/25 17:44	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/01/25 09:38	04/01/25 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/01/25 09:38	04/01/25 17:44	1
o-Terphenyl	115		70 - 130				04/01/25 09:38	04/01/25 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	383		10.0		mg/Kg			03/28/25 02:07	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-5

Lab Sample ID: 890-7856-5

Date Collected: 03/26/25 10:42

Matrix: Solid

Date Received: 03/26/25 14:08

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		03/27/25 11:21	03/27/25 14:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 14:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 14:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/27/25 11:21	03/27/25 14:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 14:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/27/25 11:21	03/27/25 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/27/25 11:21	03/27/25 14:43	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/27/25 11:21	03/27/25 14:43	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			03/27/25 14:43	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			04/01/25 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/01/25 09:38	04/01/25 18:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/01/25 09:38	04/01/25 18:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/25 09:38	04/01/25 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/01/25 09:38	04/01/25 18:05	1
o-Terphenyl	107		70 - 130	04/01/25 09:38	04/01/25 18:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.8		10.1		mg/Kg			03/28/25 02:15	1

Client Sample ID: CS-6

Lab Sample ID: 890-7856-6

Date Collected: 03/26/25 10:45

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 15:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 15:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 15:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/25 11:21	03/27/25 15:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 15:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/25 11:21	03/27/25 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/27/25 11:21	03/27/25 15:04	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/27/25 11:21	03/27/25 15:04	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-6

Lab Sample ID: 890-7856-6

Date Collected: 03/26/25 10:45

Matrix: Solid

Date Received: 03/26/25 14:08

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			03/27/25 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1060		49.6		mg/Kg			04/01/25 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *1	49.6		mg/Kg		04/01/25 09:38	04/01/25 16:42	1
Diesel Range Organics (Over C10-C28)	1060	*1	49.6		mg/Kg		04/01/25 09:38	04/01/25 16:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/01/25 09:38	04/01/25 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				04/01/25 09:38	04/01/25 16:42	1
o-Terphenyl	119		70 - 130				04/01/25 09:38	04/01/25 16:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	706		10.0		mg/Kg			03/28/25 02:36	1

Client Sample ID: CS-7

Lab Sample ID: 890-7856-7

Date Collected: 03/26/25 10:48

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 15:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 15:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 15:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 15:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 15:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/27/25 11:21	03/27/25 15:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/27/25 11:21	03/27/25 15:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/25 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	450		50.0		mg/Kg			04/01/25 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/01/25 09:38	04/01/25 17:23	1
Diesel Range Organics (Over C10-C28)	450	*1	50.0		mg/Kg		04/01/25 09:38	04/01/25 17:23	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-7

Lab Sample ID: 890-7856-7

Date Collected: 03/26/25 10:48

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/25 09:38	04/01/25 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/01/25 09:38	04/01/25 17:23	1
o-Terphenyl	112		70 - 130				04/01/25 09:38	04/01/25 17:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		9.98		mg/Kg			03/28/25 02:43	1

Client Sample ID: CS-8

Lab Sample ID: 890-7856-8

Date Collected: 03/26/25 10:51

Matrix: Solid

Date Received: 03/26/25 14:08

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		03/27/25 11:21	03/27/25 15:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/25 11:21	03/27/25 15:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/25 11:21	03/27/25 15:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/25 11:21	03/27/25 15:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/25 11:21	03/27/25 15:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/25 11:21	03/27/25 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/27/25 11:21	03/27/25 15:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/27/25 11:21	03/27/25 15:45	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			03/27/25 15:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/01/25 18:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		04/01/25 09:38	04/01/25 18:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		04/01/25 09:38	04/01/25 18:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/01/25 09:38	04/01/25 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/01/25 09:38	04/01/25 18:25	1
o-Terphenyl	113		70 - 130				04/01/25 09:38	04/01/25 18:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	339		9.90		mg/Kg			03/28/25 02:50	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-9

Lab Sample ID: 890-7856-9

Date Collected: 03/26/25 10:54

Matrix: Solid

Date Received: 03/26/25 14:08

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		03/27/25 11:21	03/27/25 16:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 16:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 16:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/27/25 11:21	03/27/25 16:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/25 11:21	03/27/25 16:05	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/27/25 11:21	03/27/25 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/27/25 11:21	03/27/25 16:05	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/27/25 11:21	03/27/25 16:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/27/25 16:05	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			04/01/25 18:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		04/01/25 09:38	04/01/25 18:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U *1	49.7		mg/Kg		04/01/25 09:38	04/01/25 18:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/01/25 09:38	04/01/25 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/01/25 09:38	04/01/25 18:46	1
o-Terphenyl	115		70 - 130	04/01/25 09:38	04/01/25 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	544		10.1		mg/Kg			03/28/25 02:58	1

Client Sample ID: CS-10

Lab Sample ID: 890-7856-10

Date Collected: 03/26/25 10:57

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 16:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 16:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 16:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 16:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 16:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/27/25 11:21	03/27/25 16:26	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/27/25 11:21	03/27/25 16:26	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-10

Lab Sample ID: 890-7856-10

Date Collected: 03/26/25 10:57

Matrix: Solid

Date Received: 03/26/25 14:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 16:26	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			04/01/25 19:06	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	<50.3	U *1	50.3		mg/Kg		04/01/25 09:38	04/01/25 19:06	1
Diesel Range Organics (Over C10-C28)	<50.3	U *1	50.3		mg/Kg		04/01/25 09:38	04/01/25 19:06	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/01/25 09:38	04/01/25 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/01/25 09:38	04/01/25 19:06	1
o-Terphenyl	108		70 - 130				04/01/25 09:38	04/01/25 19:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		9.94		mg/Kg			03/28/25 03:05	1

Client Sample ID: CS-11

Lab Sample ID: 890-7856-11

Date Collected: 03/26/25 11:00

Matrix: Solid

Date Received: 03/26/25 14:08

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		03/27/25 11:21	03/27/25 18:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/25 11:21	03/27/25 18:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/25 11:21	03/27/25 18:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/25 11:21	03/27/25 18:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/25 11:21	03/27/25 18:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/25 11:21	03/27/25 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/27/25 11:21	03/27/25 18:00	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/27/25 11:21	03/27/25 18:00	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			03/27/25 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	734		50.3		mg/Kg			04/01/25 16:01	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	<50.3	U *1	50.3		mg/Kg		04/01/25 11:09	04/01/25 16:01	1
Diesel Range Organics (Over C10-C28)	394		50.3		mg/Kg		04/01/25 11:09	04/01/25 16:01	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-11

Lab Sample ID: 890-7856-11

Date Collected: 03/26/25 11:00

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	340		50.3		mg/Kg		04/01/25 11:09	04/01/25 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				04/01/25 11:09	04/01/25 16:01	1
o-Terphenyl	101		70 - 130				04/01/25 11:09	04/01/25 16:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	358		9.92		mg/Kg			03/28/25 03:12	1

Client Sample ID: CS-12

Lab Sample ID: 890-7856-12

Date Collected: 03/26/25 11:03

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/25 11:21	03/27/25 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/25 11:21	03/27/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/27/25 11:21	03/27/25 18:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/27/25 11:21	03/27/25 18:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/27/25 18:20	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			04/01/25 16:21	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	<50.4	U *1	50.4		mg/Kg		04/01/25 11:09	04/01/25 16:21	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/01/25 11:09	04/01/25 16:21	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/01/25 11:09	04/01/25 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				04/01/25 11:09	04/01/25 16:21	1
o-Terphenyl	100		70 - 130				04/01/25 11:09	04/01/25 16:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	202		9.96		mg/Kg			03/28/25 03:34	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-1

Lab Sample ID: 890-7856-13

Date Collected: 03/26/25 11:06

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 18:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 18:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/27/25 11:21	03/27/25 18:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/27/25 11:21	03/27/25 18:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/01/25 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		04/01/25 11:09	04/01/25 16:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/01/25 11:09	04/01/25 16:42	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/01/25 11:09	04/01/25 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	04/01/25 11:09	04/01/25 16:42	1
o-Terphenyl	104		70 - 130	04/01/25 11:09	04/01/25 16:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		10.0		mg/Kg			03/28/25 03:41	1

Client Sample ID: SW-2

Lab Sample ID: 890-7856-14

Date Collected: 03/26/25 11:09

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 19:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 19:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 19:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/27/25 11:21	03/27/25 19:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 19:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/27/25 11:21	03/27/25 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/27/25 11:21	03/27/25 19:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/27/25 11:21	03/27/25 19:01	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-2

Lab Sample ID: 890-7856-14

Date Collected: 03/26/25 11:09

Matrix: Solid

Date Received: 03/26/25 14:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/27/25 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/01/25 17:03	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	<49.8	U *1	49.8		mg/Kg		04/01/25 11:09	04/01/25 17:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/01/25 11:09	04/01/25 17:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/01/25 11:09	04/01/25 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				04/01/25 11:09	04/01/25 17:03	1
o-Terphenyl	97		70 - 130				04/01/25 11:09	04/01/25 17:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.2		10.0		mg/Kg			03/28/25 04:02	1

Client Sample ID: SW-3

Lab Sample ID: 890-7856-15

Date Collected: 03/26/25 11:12

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 19:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 19:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 19:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 19:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 19:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/27/25 11:21	03/27/25 19:21	1
1,4-Difluorobenzene (Surr)	82		70 - 130				03/27/25 11:21	03/27/25 19:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/25 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/28/25 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 18:00	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-3

Lab Sample ID: 890-7856-15

Date Collected: 03/26/25 11:12

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				03/28/25 07:02	03/28/25 18:00	1
o-Terphenyl	87		70 - 130				03/28/25 07:02	03/28/25 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.5		9.98		mg/Kg			03/28/25 04:10	1

Client Sample ID: SW-4

Lab Sample ID: 890-7856-16

Date Collected: 03/26/25 11:15

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 19:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 19:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 19:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 19:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 19:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				03/27/25 11:21	03/27/25 19:42	1
1,4-Difluorobenzene (Surr)	94		70 - 130				03/27/25 11:21	03/27/25 19:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.7		49.9		mg/Kg			03/28/25 18:49	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	<49.9	U	49.9		mg/Kg		03/28/25 07:02	03/28/25 18:49	1
Diesel Range Organics (Over C10-C28)	84.7		49.9		mg/Kg		03/28/25 07:02	03/28/25 18:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 07:02	03/28/25 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				03/28/25 07:02	03/28/25 18:49	1
o-Terphenyl	91		70 - 130				03/28/25 07:02	03/28/25 18:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		10.0		mg/Kg			03/28/25 04:17	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-5

Lab Sample ID: 890-7856-17

Date Collected: 03/26/25 11:18

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 20:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 20:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 20:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 20:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 20:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/27/25 11:21	03/27/25 20:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/27/25 11:21	03/27/25 20:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 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	221		49.8		mg/Kg			03/28/25 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 07:02	03/28/25 19:05	1
Diesel Range Organics (Over C10-C28)	221		49.8		mg/Kg		03/28/25 07:02	03/28/25 19:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 07:02	03/28/25 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	03/28/25 07:02	03/28/25 19:05	1
o-Terphenyl	94		70 - 130	03/28/25 07:02	03/28/25 19:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	256		10.0		mg/Kg			03/28/25 04:24	1

Client Sample ID: SW-6

Lab Sample ID: 890-7856-18

Date Collected: 03/26/25 11:21

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 20:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 20:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 20:23	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/27/25 11:21	03/27/25 20:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/25 11:21	03/27/25 20:23	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/27/25 11:21	03/27/25 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/27/25 11:21	03/27/25 20:23	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/27/25 11:21	03/27/25 20:23	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-6

Lab Sample ID: 890-7856-18

Date Collected: 03/26/25 11:21

Matrix: Solid

Date Received: 03/26/25 14:08

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			03/27/25 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4170		50.0		mg/Kg			03/28/25 19:21	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	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 19:21	1
Diesel Range Organics (Over C10-C28)	4170		50.0		mg/Kg		03/28/25 07:02	03/28/25 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/28/25 07:02	03/28/25 19:21	1
o-Terphenyl	122		70 - 130				03/28/25 07:02	03/28/25 19:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		10.1		mg/Kg			03/28/25 04:31	1

Client Sample ID: SW-7

Lab Sample ID: 890-7856-19

Date Collected: 03/26/25 11:24

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 20:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 20:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 20:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 20:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/25 11:21	03/27/25 20:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/25 11:21	03/27/25 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/27/25 11:21	03/27/25 20:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130				03/27/25 11:21	03/27/25 20:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/27/25 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/28/25 19:38	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		03/28/25 07:02	03/28/25 19:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/28/25 07:02	03/28/25 19:38	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-7

Lab Sample ID: 890-7856-19

Date Collected: 03/26/25 11:24

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/28/25 07:02	03/28/25 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/28/25 07:02	03/28/25 19:38	1
o-Terphenyl	79		70 - 130				03/28/25 07:02	03/28/25 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	395		10.1		mg/Kg			03/28/25 04:38	1

Client Sample ID: SW-8

Lab Sample ID: 890-7856-20

Date Collected: 03/26/25 11:27

Matrix: Solid

Date Received: 03/26/25 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 21:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 21:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 21:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 21:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 21:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/25 11:21	03/27/25 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/27/25 11:21	03/27/25 21:03	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/27/25 11:21	03/27/25 21:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/27/25 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/28/25 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 07:02	03/28/25 19:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 07:02	03/28/25 19:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 07:02	03/28/25 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				03/28/25 07:02	03/28/25 19:54	1
o-Terphenyl	90		70 - 130				03/28/25 07:02	03/28/25 19:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.8		10.0		mg/Kg			03/28/25 04:45	1

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Surrogate Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
890-7856-1	CS-1	102	92				
890-7856-1 MS	CS-1	100	99				
890-7856-1 MSD	CS-1	106	93				
890-7856-2	CS-2	105	85				
890-7856-3	CS-3	104	97				
890-7856-4	CS-4	103	89				
890-7856-5	CS-5	100	90				
890-7856-6	CS-6	107	94				
890-7856-7	CS-7	104	92				
890-7856-8	CS-8	107	93				
890-7856-9	CS-9	106	93				
890-7856-10	CS-10	104	90				
890-7856-11	CS-11	103	90				
890-7856-12	CS-12	108	95				
890-7856-13	SW-1	101	96				
890-7856-14	SW-2	109	96				
890-7856-15	SW-3	103	82				
890-7856-16	SW-4	106	94				
890-7856-17	SW-5	101	94				
890-7856-18	SW-6	104	92				
890-7856-19	SW-7	104	89				
890-7856-20	SW-8	105	92				
LCS 880-106195/1-A	Lab Control Sample	107	96				
LCSD 880-106195/2-A	Lab Control Sample Dup	108	102				
MB 880-106195/5-A	Method Blank	102	93				
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	OTPH1				
		(70-130)	(70-130)				
890-7856-1	CS-1	135 S1+	134 S1+				
890-7856-2	CS-2	108	115				
890-7856-3	CS-3	109	109				
890-7856-4	CS-4	114	115				
890-7856-5	CS-5	106	107				
890-7856-6	CS-6	115	119				
890-7856-7	CS-7	110	112				
890-7856-8	CS-8	110	113				
890-7856-9	CS-9	114	115				
890-7856-10	CS-10	108	108				
890-7856-11	CS-11	93	101				
890-7856-12	CS-12	91	100				
890-7856-13	SW-1	95	104				
890-7856-14	SW-2	90	97				

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Surrogate Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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)
890-7856-15	SW-3	82	87
890-7856-15 MS	SW-3	93	88
890-7856-15 MSD	SW-3	100	97
890-7856-16	SW-4	89	91
890-7856-17	SW-5	93	94
890-7856-18	SW-6	102	122
890-7856-19	SW-7	85	79
890-7856-20	SW-8	90	90
890-7900-A-6-E MS	Matrix Spike	101	104
890-7900-A-6-F MSD	Matrix Spike Duplicate	102	105
890-7901-A-18-F MS	Matrix Spike	107	98
890-7901-A-18-G MSD	Matrix Spike Duplicate	106	99
LCS 880-106290/2-A	Lab Control Sample	135 S1+	126
LCS 880-106634/2-A	Lab Control Sample	116	110
LCS 880-106637/2-A	Lab Control Sample	115	124
LCSD 880-106290/3-A	Lab Control Sample Dup	127	120
LCSD 880-106634/3-A	Lab Control Sample Dup	111	102
LCSD 880-106637/3-A	Lab Control Sample Dup	95	102
MB 880-106290/1-A	Method Blank	99	98
MB 880-106634/1-A	Method Blank	128	141 S1+
MB 880-106637/1-A	Method Blank	116	133 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106195/5-A

Matrix: Solid

Analysis Batch: 106172

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106195

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 13:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/25 11:21	03/27/25 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/25 11:21	03/27/25 13:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/25 11:21	03/27/25 13:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/27/25 11:21	03/27/25 13:00	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/27/25 11:21	03/27/25 13:00	1

Lab Sample ID: LCS 880-106195/1-A

Matrix: Solid

Analysis Batch: 106172

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106195

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09015		mg/Kg		90	70 - 130
Toluene	0.100	0.08139		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.07820		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1689		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08163		mg/Kg		82	70 - 130

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

Lab Sample ID: LCSD 880-106195/2-A

Matrix: Solid

Analysis Batch: 106172

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106195

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08120		mg/Kg		81	70 - 130	10	35
Toluene	0.100	0.07766		mg/Kg		78	70 - 130	5	35
Ethylbenzene	0.100	0.07286		mg/Kg		73	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1550		mg/Kg		77	70 - 130	9	35
o-Xylene	0.100	0.07570		mg/Kg		76	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-7856-1 MS

Matrix: Solid

Analysis Batch: 106172

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 106195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.101	0.08428		mg/Kg		84	70 - 130
Toluene	<0.00198	U F1	0.101	0.06981	F1	mg/Kg		69	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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

Lab Sample ID: 890-7856-1 MS

Matrix: Solid

Analysis Batch: 106172

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 106195

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U F1	0.101	0.05980	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00397	U F1	0.201	0.1248	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00198	U F1	0.101	0.05820	F1	mg/Kg		58	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	100		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 890-7856-1 MSD

Matrix: Solid

Analysis Batch: 106172

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 106195

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.07001		mg/Kg		70	70 - 130	19	35
Toluene	<0.00198	U F1	0.100	0.05699	F1	mg/Kg		57	70 - 130	20	35
Ethylbenzene	<0.00198	U F1	0.100	0.04457	F1	mg/Kg		44	70 - 130	29	35
m-Xylene & p-Xylene	<0.00397	U F1	0.200	0.09200	F1	mg/Kg		46	70 - 130	30	35
o-Xylene	<0.00198	U F1	0.100	0.04412	F1	mg/Kg		44	70 - 130	28	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	106		70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

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

Lab Sample ID: MB 880-106290/1-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 12:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 12:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 07:02	03/28/25 12:49	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				03/28/25 07:02	03/28/25 12:49	1
o-Terphenyl	98		70 - 130				03/28/25 07:02	03/28/25 12:49	1

Lab Sample ID: LCS 880-106290/2-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	914.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1014		mg/Kg		101	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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

Lab Sample ID: LCS 880-106290/2-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106290

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: LCSD 880-106290/3-A

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106290

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	892.2		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	958.3		mg/Kg		96	70 - 130	6	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 890-7856-15 MS

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: SW-3

Prep Type: Total/NA

Prep Batch: 106290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	729.7		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	770.2		mg/Kg		77	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 890-7856-15 MSD

Matrix: Solid

Analysis Batch: 106360

Client Sample ID: SW-3

Prep Type: Total/NA

Prep Batch: 106290

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	772.8		mg/Kg		78	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	864.1		mg/Kg		87	70 - 130	11	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	97		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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

Lab Sample ID: MB 880-106634/1-A

Matrix: Solid

Analysis Batch: 106603

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106634

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		04/01/25 09:37	04/01/25 08:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/25 09:37	04/01/25 08:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/25 09:37	04/01/25 08:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				04/01/25 09:37	04/01/25 08:49	1
o-Terphenyl	141	S1+	70 - 130				04/01/25 09:37	04/01/25 08:49	1

Lab Sample ID: LCS 880-106634/2-A

Matrix: Solid

Analysis Batch: 106603

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1164		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1064		mg/Kg		106	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	116		70 - 130				
o-Terphenyl	110		70 - 130				

Lab Sample ID: LCSD 880-106634/3-A

Matrix: Solid

Analysis Batch: 106603

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106634

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	747.3	*1	mg/Kg		75	70 - 130	44	20
Diesel Range Organics (Over C10-C28)	1000	833.0	*1	mg/Kg		83	70 - 130	24	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	111		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: 890-7901-A-18-F MS

Matrix: Solid

Analysis Batch: 106603

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	1010	801.3		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *1	1010	784.6		mg/Kg		76	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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

Lab Sample ID: 890-7901-A-18-F MS

Matrix: Solid

Analysis Batch: 106603

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106634

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 890-7901-A-18-G MSD

Matrix: Solid

Analysis Batch: 106603

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	1010	795.6		mg/Kg		76	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	1010	792.3		mg/Kg		77	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: MB 880-106637/1-A

Matrix: Solid

Analysis Batch: 106601

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106637

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		04/01/25 09:56	04/01/25 08:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/01/25 09:56	04/01/25 08:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/01/25 09:56	04/01/25 08:49	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	116		70 - 130	04/01/25 09:56	04/01/25 08:49	1			
o-Terphenyl	133	S1+	70 - 130	04/01/25 09:56	04/01/25 08:49	1			

Lab Sample ID: LCS 880-106637/2-A

Matrix: Solid

Analysis Batch: 106601

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1190		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1003		mg/Kg		100	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	124		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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

Lab Sample ID: LCSD 880-106637/3-A

Matrix: Solid

Analysis Batch: 106601

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	932.3	*1	mg/Kg		93	70 - 130	24	20
Diesel Range Organics (Over C10-C28)	1000	971.7		mg/Kg		97	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: 890-7900-A-6-E MS

Matrix: Solid

Analysis Batch: 106601

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106637

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	<50.1	U *1	996	797.7		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	996	699.9		mg/Kg		70	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: 890-7900-A-6-F MSD

Matrix: Solid

Analysis Batch: 106601

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106637

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	<50.1	U *1	996	813.5		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	996	702.0		mg/Kg		70	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	105		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106214/1-A

Matrix: Solid

Analysis Batch: 106295

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/28/25 01:10	1

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-106214/2-A

Matrix: Solid

Analysis Batch: 106295

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.3		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-106214/3-A

Matrix: Solid

Analysis Batch: 106295

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.8		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-7856-1 MS

Matrix: Solid

Analysis Batch: 106295

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	123		249	384.4		mg/Kg		105	90 - 110

Lab Sample ID: 890-7856-1 MSD

Matrix: Solid

Analysis Batch: 106295

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	123		249	380.9		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 890-7856-11 MS

Matrix: Solid

Analysis Batch: 106295

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	358		248	624.3		mg/Kg		107	90 - 110

Lab Sample ID: 890-7856-11 MSD

Matrix: Solid

Analysis Batch: 106295

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	358		248	614.8		mg/Kg		103	90 - 110	2	20

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

GC VOA

Analysis Batch: 106172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1	CS-1	Total/NA	Solid	8021B	106195
890-7856-2	CS-2	Total/NA	Solid	8021B	106195
890-7856-3	CS-3	Total/NA	Solid	8021B	106195
890-7856-4	CS-4	Total/NA	Solid	8021B	106195
890-7856-5	CS-5	Total/NA	Solid	8021B	106195
890-7856-6	CS-6	Total/NA	Solid	8021B	106195
890-7856-7	CS-7	Total/NA	Solid	8021B	106195
890-7856-8	CS-8	Total/NA	Solid	8021B	106195
890-7856-9	CS-9	Total/NA	Solid	8021B	106195
890-7856-10	CS-10	Total/NA	Solid	8021B	106195
890-7856-11	CS-11	Total/NA	Solid	8021B	106195
890-7856-12	CS-12	Total/NA	Solid	8021B	106195
890-7856-13	SW-1	Total/NA	Solid	8021B	106195
890-7856-14	SW-2	Total/NA	Solid	8021B	106195
890-7856-15	SW-3	Total/NA	Solid	8021B	106195
890-7856-16	SW-4	Total/NA	Solid	8021B	106195
890-7856-17	SW-5	Total/NA	Solid	8021B	106195
890-7856-18	SW-6	Total/NA	Solid	8021B	106195
890-7856-19	SW-7	Total/NA	Solid	8021B	106195
890-7856-20	SW-8	Total/NA	Solid	8021B	106195
MB 880-106195/5-A	Method Blank	Total/NA	Solid	8021B	106195
LCS 880-106195/1-A	Lab Control Sample	Total/NA	Solid	8021B	106195
LCSD 880-106195/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106195
890-7856-1 MS	CS-1	Total/NA	Solid	8021B	106195
890-7856-1 MSD	CS-1	Total/NA	Solid	8021B	106195

Prep Batch: 106195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1	CS-1	Total/NA	Solid	5035	
890-7856-2	CS-2	Total/NA	Solid	5035	
890-7856-3	CS-3	Total/NA	Solid	5035	
890-7856-4	CS-4	Total/NA	Solid	5035	
890-7856-5	CS-5	Total/NA	Solid	5035	
890-7856-6	CS-6	Total/NA	Solid	5035	
890-7856-7	CS-7	Total/NA	Solid	5035	
890-7856-8	CS-8	Total/NA	Solid	5035	
890-7856-9	CS-9	Total/NA	Solid	5035	
890-7856-10	CS-10	Total/NA	Solid	5035	
890-7856-11	CS-11	Total/NA	Solid	5035	
890-7856-12	CS-12	Total/NA	Solid	5035	
890-7856-13	SW-1	Total/NA	Solid	5035	
890-7856-14	SW-2	Total/NA	Solid	5035	
890-7856-15	SW-3	Total/NA	Solid	5035	
890-7856-16	SW-4	Total/NA	Solid	5035	
890-7856-17	SW-5	Total/NA	Solid	5035	
890-7856-18	SW-6	Total/NA	Solid	5035	
890-7856-19	SW-7	Total/NA	Solid	5035	
890-7856-20	SW-8	Total/NA	Solid	5035	
MB 880-106195/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106195/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106195/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

GC VOA (Continued)

Prep Batch: 106195 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1 MS	CS-1	Total/NA	Solid	5035	
890-7856-1 MSD	CS-1	Total/NA	Solid	5035	

Analysis Batch: 106477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-2	CS-2	Total/NA	Solid	Total BTEX	
890-7856-3	CS-3	Total/NA	Solid	Total BTEX	
890-7856-4	CS-4	Total/NA	Solid	Total BTEX	
890-7856-5	CS-5	Total/NA	Solid	Total BTEX	
890-7856-6	CS-6	Total/NA	Solid	Total BTEX	
890-7856-7	CS-7	Total/NA	Solid	Total BTEX	
890-7856-8	CS-8	Total/NA	Solid	Total BTEX	
890-7856-9	CS-9	Total/NA	Solid	Total BTEX	
890-7856-10	CS-10	Total/NA	Solid	Total BTEX	
890-7856-11	CS-11	Total/NA	Solid	Total BTEX	
890-7856-12	CS-12	Total/NA	Solid	Total BTEX	
890-7856-13	SW-1	Total/NA	Solid	Total BTEX	
890-7856-14	SW-2	Total/NA	Solid	Total BTEX	
890-7856-15	SW-3	Total/NA	Solid	Total BTEX	
890-7856-16	SW-4	Total/NA	Solid	Total BTEX	
890-7856-17	SW-5	Total/NA	Solid	Total BTEX	
890-7856-18	SW-6	Total/NA	Solid	Total BTEX	
890-7856-19	SW-7	Total/NA	Solid	Total BTEX	
890-7856-20	SW-8	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-15	SW-3	Total/NA	Solid	8015NM Prep	
890-7856-16	SW-4	Total/NA	Solid	8015NM Prep	
890-7856-17	SW-5	Total/NA	Solid	8015NM Prep	
890-7856-18	SW-6	Total/NA	Solid	8015NM Prep	
890-7856-19	SW-7	Total/NA	Solid	8015NM Prep	
890-7856-20	SW-8	Total/NA	Solid	8015NM Prep	
MB 880-106290/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106290/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7856-15 MS	SW-3	Total/NA	Solid	8015NM Prep	
890-7856-15 MSD	SW-3	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-15	SW-3	Total/NA	Solid	8015B NM	106290
890-7856-16	SW-4	Total/NA	Solid	8015B NM	106290
890-7856-17	SW-5	Total/NA	Solid	8015B NM	106290
890-7856-18	SW-6	Total/NA	Solid	8015B NM	106290
890-7856-19	SW-7	Total/NA	Solid	8015B NM	106290
890-7856-20	SW-8	Total/NA	Solid	8015B NM	106290
MB 880-106290/1-A	Method Blank	Total/NA	Solid	8015B NM	106290
LCS 880-106290/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106290

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

GC Semi VOA (Continued)

Analysis Batch: 106360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-106290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106290
890-7856-15 MS	SW-3	Total/NA	Solid	8015B NM	106290
890-7856-15 MSD	SW-3	Total/NA	Solid	8015B NM	106290

Analysis Batch: 106512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1	CS-1	Total/NA	Solid	8015 NM	
890-7856-2	CS-2	Total/NA	Solid	8015 NM	
890-7856-3	CS-3	Total/NA	Solid	8015 NM	
890-7856-4	CS-4	Total/NA	Solid	8015 NM	
890-7856-5	CS-5	Total/NA	Solid	8015 NM	
890-7856-6	CS-6	Total/NA	Solid	8015 NM	
890-7856-7	CS-7	Total/NA	Solid	8015 NM	
890-7856-8	CS-8	Total/NA	Solid	8015 NM	
890-7856-9	CS-9	Total/NA	Solid	8015 NM	
890-7856-10	CS-10	Total/NA	Solid	8015 NM	
890-7856-11	CS-11	Total/NA	Solid	8015 NM	
890-7856-12	CS-12	Total/NA	Solid	8015 NM	
890-7856-13	SW-1	Total/NA	Solid	8015 NM	
890-7856-14	SW-2	Total/NA	Solid	8015 NM	
890-7856-15	SW-3	Total/NA	Solid	8015 NM	
890-7856-16	SW-4	Total/NA	Solid	8015 NM	
890-7856-17	SW-5	Total/NA	Solid	8015 NM	
890-7856-18	SW-6	Total/NA	Solid	8015 NM	
890-7856-19	SW-7	Total/NA	Solid	8015 NM	
890-7856-20	SW-8	Total/NA	Solid	8015 NM	

Analysis Batch: 106601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-11	CS-11	Total/NA	Solid	8015B NM	106637
890-7856-12	CS-12	Total/NA	Solid	8015B NM	106637
890-7856-13	SW-1	Total/NA	Solid	8015B NM	106637
890-7856-14	SW-2	Total/NA	Solid	8015B NM	106637
MB 880-106637/1-A	Method Blank	Total/NA	Solid	8015B NM	106637
LCS 880-106637/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106637
LCSD 880-106637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106637
890-7900-A-6-E MS	Matrix Spike	Total/NA	Solid	8015B NM	106637
890-7900-A-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106637

Analysis Batch: 106603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1	CS-1	Total/NA	Solid	8015B NM	106634
890-7856-2	CS-2	Total/NA	Solid	8015B NM	106634
890-7856-3	CS-3	Total/NA	Solid	8015B NM	106634
890-7856-4	CS-4	Total/NA	Solid	8015B NM	106634
890-7856-5	CS-5	Total/NA	Solid	8015B NM	106634
890-7856-6	CS-6	Total/NA	Solid	8015B NM	106634
890-7856-7	CS-7	Total/NA	Solid	8015B NM	106634
890-7856-8	CS-8	Total/NA	Solid	8015B NM	106634
890-7856-9	CS-9	Total/NA	Solid	8015B NM	106634
890-7856-10	CS-10	Total/NA	Solid	8015B NM	106634

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

GC Semi VOA (Continued)

Analysis Batch: 106603 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-106634/1-A	Method Blank	Total/NA	Solid	8015B NM	106634
LCS 880-106634/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106634
LCSD 880-106634/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106634
890-7901-A-18-F MS	Matrix Spike	Total/NA	Solid	8015B NM	106634
890-7901-A-18-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106634

Prep Batch: 106634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1	CS-1	Total/NA	Solid	8015NM Prep	
890-7856-2	CS-2	Total/NA	Solid	8015NM Prep	
890-7856-3	CS-3	Total/NA	Solid	8015NM Prep	
890-7856-4	CS-4	Total/NA	Solid	8015NM Prep	
890-7856-5	CS-5	Total/NA	Solid	8015NM Prep	
890-7856-6	CS-6	Total/NA	Solid	8015NM Prep	
890-7856-7	CS-7	Total/NA	Solid	8015NM Prep	
890-7856-8	CS-8	Total/NA	Solid	8015NM Prep	
890-7856-9	CS-9	Total/NA	Solid	8015NM Prep	
890-7856-10	CS-10	Total/NA	Solid	8015NM Prep	
MB 880-106634/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106634/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106634/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7901-A-18-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7901-A-18-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 106637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-11	CS-11	Total/NA	Solid	8015NM Prep	
890-7856-12	CS-12	Total/NA	Solid	8015NM Prep	
890-7856-13	SW-1	Total/NA	Solid	8015NM Prep	
890-7856-14	SW-2	Total/NA	Solid	8015NM Prep	
MB 880-106637/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106637/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106637/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7900-A-6-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7900-A-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 106214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1	CS-1	Soluble	Solid	DI Leach	
890-7856-2	CS-2	Soluble	Solid	DI Leach	
890-7856-3	CS-3	Soluble	Solid	DI Leach	
890-7856-4	CS-4	Soluble	Solid	DI Leach	
890-7856-5	CS-5	Soluble	Solid	DI Leach	
890-7856-6	CS-6	Soluble	Solid	DI Leach	
890-7856-7	CS-7	Soluble	Solid	DI Leach	
890-7856-8	CS-8	Soluble	Solid	DI Leach	
890-7856-9	CS-9	Soluble	Solid	DI Leach	
890-7856-10	CS-10	Soluble	Solid	DI Leach	
890-7856-11	CS-11	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

HPLC/IC (Continued)

Leach Batch: 106214 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-12	CS-12	Soluble	Solid	DI Leach	
890-7856-13	SW-1	Soluble	Solid	DI Leach	
890-7856-14	SW-2	Soluble	Solid	DI Leach	
890-7856-15	SW-3	Soluble	Solid	DI Leach	
890-7856-16	SW-4	Soluble	Solid	DI Leach	
890-7856-17	SW-5	Soluble	Solid	DI Leach	
890-7856-18	SW-6	Soluble	Solid	DI Leach	
890-7856-19	SW-7	Soluble	Solid	DI Leach	
890-7856-20	SW-8	Soluble	Solid	DI Leach	
MB 880-106214/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106214/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106214/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7856-1 MS	CS-1	Soluble	Solid	DI Leach	
890-7856-1 MSD	CS-1	Soluble	Solid	DI Leach	
890-7856-11 MS	CS-11	Soluble	Solid	DI Leach	
890-7856-11 MSD	CS-11	Soluble	Solid	DI Leach	

Analysis Batch: 106295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7856-1	CS-1	Soluble	Solid	300.0	106214
890-7856-2	CS-2	Soluble	Solid	300.0	106214
890-7856-3	CS-3	Soluble	Solid	300.0	106214
890-7856-4	CS-4	Soluble	Solid	300.0	106214
890-7856-5	CS-5	Soluble	Solid	300.0	106214
890-7856-6	CS-6	Soluble	Solid	300.0	106214
890-7856-7	CS-7	Soluble	Solid	300.0	106214
890-7856-8	CS-8	Soluble	Solid	300.0	106214
890-7856-9	CS-9	Soluble	Solid	300.0	106214
890-7856-10	CS-10	Soluble	Solid	300.0	106214
890-7856-11	CS-11	Soluble	Solid	300.0	106214
890-7856-12	CS-12	Soluble	Solid	300.0	106214
890-7856-13	SW-1	Soluble	Solid	300.0	106214
890-7856-14	SW-2	Soluble	Solid	300.0	106214
890-7856-15	SW-3	Soluble	Solid	300.0	106214
890-7856-16	SW-4	Soluble	Solid	300.0	106214
890-7856-17	SW-5	Soluble	Solid	300.0	106214
890-7856-18	SW-6	Soluble	Solid	300.0	106214
890-7856-19	SW-7	Soluble	Solid	300.0	106214
890-7856-20	SW-8	Soluble	Solid	300.0	106214
MB 880-106214/1-A	Method Blank	Soluble	Solid	300.0	106214
LCS 880-106214/2-A	Lab Control Sample	Soluble	Solid	300.0	106214
LCSD 880-106214/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106214
890-7856-1 MS	CS-1	Soluble	Solid	300.0	106214
890-7856-1 MSD	CS-1	Soluble	Solid	300.0	106214
890-7856-11 MS	CS-11	Soluble	Solid	300.0	106214
890-7856-11 MSD	CS-11	Soluble	Solid	300.0	106214

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Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-1

Date Collected: 03/26/25 10:30

Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-1

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			5.04 g	5 mL	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 13:22	MNR	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 16:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 16:01	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 01:31	CH	EET MID

Client Sample ID: CS-2

Date Collected: 03/26/25 10:33

Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 13:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 13:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 17:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 17:03	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 01:53	CH	EET MID

Client Sample ID: CS-3

Date Collected: 03/26/25 10:36

Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-3

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 14:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 14:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 16:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 16:21	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 02:00	CH	EET MID

Client Sample ID: CS-4

Date Collected: 03/26/25 10:39

Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-4

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 14:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 14:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 17:44	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-4

Lab Sample ID: 890-7856-4

Date Collected: 03/26/25 10:39

Matrix: Solid

Date Received: 03/26/25 14:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 17:44	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 02:07	CH	EET MID

Client Sample ID: CS-5

Lab Sample ID: 890-7856-5

Date Collected: 03/26/25 10:42

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 14:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 18:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 18:05	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 02:15	CH	EET MID

Client Sample ID: CS-6

Lab Sample ID: 890-7856-6

Date Collected: 03/26/25 10:45

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 15:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 15:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 16:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 16:42	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 02:36	CH	EET MID

Client Sample ID: CS-7

Lab Sample ID: 890-7856-7

Date Collected: 03/26/25 10:48

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 15:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 15:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 17:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 17:23	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-7

Lab Sample ID: 890-7856-7

Date Collected: 03/26/25 10:48

Matrix: Solid

Date Received: 03/26/25 14:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 02:43	CH	EET MID

Client Sample ID: CS-8

Lab Sample ID: 890-7856-8

Date Collected: 03/26/25 10:51

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 15:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 15:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 18:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 18:25	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 02:50	CH	EET MID

Client Sample ID: CS-9

Lab Sample ID: 890-7856-9

Date Collected: 03/26/25 10:54

Matrix: Solid

Date Received: 03/26/25 14:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 16:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 16:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 18:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 18:46	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 02:58	CH	EET MID

Client Sample ID: CS-10

Lab Sample ID: 890-7856-10

Date Collected: 03/26/25 10:57

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 16:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 16:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 19:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	106634	04/01/25 09:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106603	04/01/25 19:06	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 03:05	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: CS-11
Date Collected: 03/26/25 11:00
Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 18:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 16:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	106637	04/01/25 11:09	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106601	04/01/25 16:01	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 03:12	CH	EET MID

Client Sample ID: CS-12
Date Collected: 03/26/25 11:03
Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 18:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 16:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	106637	04/01/25 11:09	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106601	04/01/25 16:21	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 03:34	CH	EET MID

Client Sample ID: SW-1
Date Collected: 03/26/25 11:06
Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-13
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			5.01 g	5 mL	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 18:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	04/01/25 16:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106637	04/01/25 11:09	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106601	04/01/25 16:42	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 03:41	CH	EET MID

Client Sample ID: SW-2
Date Collected: 03/26/25 11:09
Date Received: 03/26/25 14:08

Lab Sample ID: 890-7856-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 19:01	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-2

Lab Sample ID: 890-7856-14

Date Collected: 03/26/25 11:09

Matrix: Solid

Date Received: 03/26/25 14:08

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			106512	04/01/25 17:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106637	04/01/25 11:09	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106601	04/01/25 17:03	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 04:02	CH	EET MID

Client Sample ID: SW-3

Lab Sample ID: 890-7856-15

Date Collected: 03/26/25 11:12

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 19:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	03/28/25 18:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 18:00	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 04:10	CH	EET MID

Client Sample ID: SW-4

Lab Sample ID: 890-7856-16

Date Collected: 03/26/25 11:15

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 19:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	03/28/25 18:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 18:49	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 04:17	CH	EET MID

Client Sample ID: SW-5

Lab Sample ID: 890-7856-17

Date Collected: 03/26/25 11:18

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 20:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	03/28/25 19:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 19:05	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Client Sample ID: SW-5

Lab Sample ID: 890-7856-17

Date Collected: 03/26/25 11:18

Matrix: Solid

Date Received: 03/26/25 14:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 04:24	CH	EET MID

Client Sample ID: SW-6

Lab Sample ID: 890-7856-18

Date Collected: 03/26/25 11:21

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 20:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	03/28/25 19:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 19:21	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 04:31	CH	EET MID

Client Sample ID: SW-7

Lab Sample ID: 890-7856-19

Date Collected: 03/26/25 11:24

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 20:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	03/28/25 19:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 19:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 04:38	CH	EET MID

Client Sample ID: SW-8

Lab Sample ID: 890-7856-20

Date Collected: 03/26/25 11:27

Matrix: Solid

Date Received: 03/26/25 14:08

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	106195	03/27/25 11:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106172	03/27/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106477	03/27/25 21:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106512	03/28/25 19:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106290	03/28/25 07:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106360	03/28/25 19:54	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	106214	03/27/25 12:57	SA	EET MID
Soluble	Analysis	300.0		1			106295	03/28/25 04:45	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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

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Accreditation/Certification Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Laboratory: Eurofins Midland

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

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

Method Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

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: Buffett BFF State #001

Job ID: 890-7856-1
SDG: 259736

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7856-1	CS-1	Solid	03/26/25 10:30	03/26/25 14:08
890-7856-2	CS-2	Solid	03/26/25 10:33	03/26/25 14:08
890-7856-3	CS-3	Solid	03/26/25 10:36	03/26/25 14:08
890-7856-4	CS-4	Solid	03/26/25 10:39	03/26/25 14:08
890-7856-5	CS-5	Solid	03/26/25 10:42	03/26/25 14:08
890-7856-6	CS-6	Solid	03/26/25 10:45	03/26/25 14:08
890-7856-7	CS-7	Solid	03/26/25 10:48	03/26/25 14:08
890-7856-8	CS-8	Solid	03/26/25 10:51	03/26/25 14:08
890-7856-9	CS-9	Solid	03/26/25 10:54	03/26/25 14:08
890-7856-10	CS-10	Solid	03/26/25 10:57	03/26/25 14:08
890-7856-11	CS-11	Solid	03/26/25 11:00	03/26/25 14:08
890-7856-12	CS-12	Solid	03/26/25 11:03	03/26/25 14:08
890-7856-13	SW-1	Solid	03/26/25 11:06	03/26/25 14:08
890-7856-14	SW-2	Solid	03/26/25 11:09	03/26/25 14:08
890-7856-15	SW-3	Solid	03/26/25 11:12	03/26/25 14:08
890-7856-16	SW-4	Solid	03/26/25 11:15	03/26/25 14:08
890-7856-17	SW-5	Solid	03/26/25 11:18	03/26/25 14:08
890-7856-18	SW-6	Solid	03/26/25 11:21	03/26/25 14:08
890-7856-19	SW-7	Solid	03/26/25 11:24	03/26/25 14:08
890-7856-20	SW-8	Solid	03/26/25 11:27	03/26/25 14:08



Chain of Custody

Wo



890-7856 Chain of Custody

4/2/2025

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTGE	Company Name:	
Address:	209 West McKay Street	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:		Email:	

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

Project Name:		Buffett BFF State #001		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes				
Project Number:		259736		☒ Routine ☐ Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																None: NO DI Water: H ₂ O			
Project Location		Lea County, NM		Due Date:																				Cool: Cool MeOH: Me			
Sampler's Name:		Clayton T		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:		TIN-4007																		NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:		-0.2																		Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		5.0																		Zn Acetate+NaOH: Zn			
Total Containers:		20		Corrected Temperature:		2.8																		NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments			
CS-1		3/26/2025	10:30	X		Comp	1	X	X	X																	
CS-2		3/26/2025	10:33	X		Comp	1	X	X	X																	
CS-3		3/26/2025	10:36	X		Comp	1	X	X	X																	
CS-4		3/26/2025	10:39	X		Comp	1	X	X	X																	
CS-5		3/26/2025	10:42	X		Comp	1	X	X	X																	
CS-6		3/26/2025	10:45	X		Comp	1	X	X	X																	
CS-7		3/26/2025	10:48	X		Comp	1	X	X	X																	
CS-8		3/26/2025	10:51	X		Comp	1	X	X	X																	
CS-9		3/26/2025	10:54	X		Comp	1	X	X	X																	
CS-10		3/26/2025	10:57	X		Comp	1	X	X	X																	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	14:08 3/26	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Page 45 of 48

Released to Imaging: 7/23/2025 3:12:08 PM



Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTGE	Company Name:	
Address:	209 West McKay Street	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:		Email:	

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

Project Name:		Buffett BFF State #001		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes		
Project Number:		259736		☒ Routine ☐ Rush																None: NO DI Water: H ₂ O		
Project Location		Lea County, NM		Due Date:																Cool: Cool MeOH: Me		
Sampler's Name:		Clayton T		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN		
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na		
SAMPLE RECEIPT		Temp Blank: ☒ Yes ☐ No		Wet Ice: ☒ Yes ☐ No		Parameters														H ₃ PO ₄ : HP		
Received Intact:		☒ Yes ☐ No		Thermometer ID:		BTEX 8021B														NaHSO ₄ : NABIS		
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor:		TPH 8015M (GRO + DRO + MRO)														Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		Chloride 4500														Zn Acetate+NaOH: Zn		
Total Containers:		20		Corrected Temperature:		2.8														NaOH+Ascorbic Acid: SAPC		
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
CS-11		3/26/2025	11:00	X		Comp	1	X	X	X												
CS-12		3/26/2025	11:03	X		Comp	1	X	X	X												
SW-1		3/26/2025	11:06	X		Comp	1	X	X	X												
SW-2		3/26/2025	11:09	X		Comp	1	X	X	X												
SW-3		3/26/2025	11:12	X		Comp	1	X	X	X												
SW-4		3/26/2025	11:15	X		Comp	1	X	X	X												
SW-5		3/26/2025	11:18	X		Comp	1	X	X	X												
SW-6		3/26/2025	11:21	X		Comp	1	X	X	X												
SW-7		3/26/2025	11:24	X		Comp	1	X	X	X												
SW-8		3/26/2025	11:27	X		Comp	1	X	X	X												

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		11:08 3/20	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7856-1

SDG Number: 259736

Login Number: 7856

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: 890-7856-1

SDG Number: 259736

Login Number: 7856

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 03/27/25 10:48 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 4/22/2025 12:28:40 PM

JOB DESCRIPTION

Buffett BFF State #001
259736

JOB NUMBER

890-7932-1

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



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4/22/2025 12:28:40 PM

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

Client: NT Global
Project/Site: Buffett BFF State #001

Laboratory Job ID: 890-7932-1
SDG: 259736

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Definitions/Glossary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project: Buffett BFF State #001

Job ID: 890-7932-1

Job ID: 890-7932-1

Eurofins Carlsbad

Job Narrative 890-7932-1

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 4/14/2025 8:33 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 -3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (890-7932-1), CS-2 (890-7932-2), CS-3 (890-7932-3), CS-6 (890-7932-4), CS-7 (890-7932-5), CS-11 (890-7932-6), CS-13 (890-7932-7), SW-5 (890-7932-8), SW-6 (890-7932-9), SW-9 (890-7932-10) and SW-10 (890-7932-11).

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-107704 and analytical batch 880-107690 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-1 (890-7932-1), CS-2 (890-7932-2), CS-3 (890-7932-3), CS-6 (890-7932-4), CS-7 (890-7932-5), CS-11 (890-7932-6), CS-13 (890-7932-7), SW-5 (890-7932-8), SW-6 (890-7932-9), (LCS 880-107678/2-A), (890-7931-A-21-D), (890-7931-A-21-E MS) and (890-7931-A-21-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-9 (890-7932-10), SW-10 (890-7932-11), (LCS 880-107679/2-A), (LCSD 880-107679/3-A), (890-7932-A-10-E MS) and (890-7932-A-10-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-108189 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated samples are:(CCV 880-108189/32) and (CCV 880-108189/48).

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: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: CS-1

Lab Sample ID: 890-7932-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F2	0.00202		mg/Kg		04/15/25 08:48	04/15/25 11:41	1
Toluene	<0.00202	U F2	0.00202		mg/Kg		04/15/25 08:48	04/15/25 11:41	1
Ethylbenzene	<0.00202	U F2	0.00202		mg/Kg		04/15/25 08:48	04/15/25 11:41	1
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.00403		mg/Kg		04/15/25 08:48	04/15/25 11:41	1
o-Xylene	<0.00202	U F2	0.00202		mg/Kg		04/15/25 08:48	04/15/25 11:41	1
Xylenes, Total	<0.00403	U F2 F1	0.00403		mg/Kg		04/15/25 08:48	04/15/25 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/15/25 08:48	04/15/25 11:41	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/15/25 08:48	04/15/25 11:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/21/25 23:33	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		04/15/25 08:10	04/21/25 23:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/21/25 23:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/21/25 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	04/15/25 08:10	04/21/25 23:33	1
o-Terphenyl	147	S1+	70 - 130	04/15/25 08:10	04/21/25 23:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.9		9.92		mg/Kg			04/15/25 19:45	1

Client Sample ID: CS-2

Lab Sample ID: 890-7932-2

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 12:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/15/25 08:48	04/15/25 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 12:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/15/25 08:48	04/15/25 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/15/25 08:48	04/15/25 12:01	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/15/25 08:48	04/15/25 12:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/21/25 23:47	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: CS-2

Lab Sample ID: 890-7932-2

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:10	04/21/25 23:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/25 08:10	04/21/25 23:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/25 08:10	04/21/25 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130	04/15/25 08:10	04/21/25 23:47	1
o-Terphenyl	157	S1+	70 - 130	04/15/25 08:10	04/21/25 23:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		10.1		mg/Kg			04/15/25 19:52	1

Client Sample ID: CS-3

Lab Sample ID: 890-7932-3

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 12:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 12:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 12:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/25 08:48	04/15/25 12:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 12:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/25 08:48	04/15/25 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/15/25 08:48	04/15/25 12:22	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/15/25 08:48	04/15/25 12:22	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			04/22/25 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/15/25 08:10	04/22/25 00:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/25 08:10	04/22/25 00:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/25 08:10	04/22/25 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	04/15/25 08:10	04/22/25 00:03	1
o-Terphenyl	148	S1+	70 - 130	04/15/25 08:10	04/22/25 00:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.94		mg/Kg			04/15/25 20:14	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: CS-6

Lab Sample ID: 890-7932-4

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 12:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/15/25 08:48	04/15/25 12:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/15/25 08:48	04/15/25 12:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/15/25 08:48	04/15/25 12:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/15/25 08:48	04/15/25 12:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/15/25 08:48	04/15/25 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/15/25 08:48	04/15/25 12:42	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/15/25 08:48	04/15/25 12:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/22/25 00:18	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	<49.9	U	49.9		mg/Kg		04/15/25 08:10	04/22/25 00:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/15/25 08:10	04/22/25 00:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/15/25 08:10	04/22/25 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	154	S1+	70 - 130	04/15/25 08:10	04/22/25 00:18	1
o-Terphenyl	166	S1+	70 - 130	04/15/25 08:10	04/22/25 00:18	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			04/15/25 20:21	1

Client Sample ID: CS-7

Lab Sample ID: 890-7932-5

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 13:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 13:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 13:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/25 08:48	04/15/25 13:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 13:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/25 08:48	04/15/25 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/15/25 08:48	04/15/25 13:03	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/15/25 08:48	04/15/25 13:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/22/25 00:34	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: CS-7

Lab Sample ID: 890-7932-5

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:10	04/22/25 00:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 00:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 00:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130	04/15/25 08:10	04/22/25 00:34	1
o-Terphenyl	162	S1+	70 - 130	04/15/25 08:10	04/22/25 00:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.1		9.90		mg/Kg			04/15/25 20:28	1

Client Sample ID: CS-11

Lab Sample ID: 890-7932-6

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 13:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 13:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 13:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/15/25 08:48	04/15/25 13:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 13:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/15/25 08:48	04/15/25 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/15/25 08:48	04/15/25 13:23	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/15/25 08:48	04/15/25 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/22/25 00:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 00:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 00:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	04/15/25 08:10	04/22/25 00:48	1
o-Terphenyl	149	S1+	70 - 130	04/15/25 08:10	04/22/25 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.5		10.1		mg/Kg			04/15/25 20:35	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: CS-13

Lab Sample ID: 890-7932-7

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 13:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/15/25 08:48	04/15/25 13:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/15/25 08:48	04/15/25 13:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/15/25 08:48	04/15/25 13:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/15/25 08:48	04/15/25 13:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/15/25 08:48	04/15/25 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/15/25 08:48	04/15/25 13:44	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/15/25 08:48	04/15/25 13:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/22/25 01:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/15/25 08:10	04/22/25 01:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/15/25 08:10	04/22/25 01:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/15/25 08:10	04/22/25 01:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	04/15/25 08:10	04/22/25 01:04	1
o-Terphenyl	149	S1+	70 - 130	04/15/25 08:10	04/22/25 01:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.5		10.1		mg/Kg			04/15/25 20:43	1

Client Sample ID: SW-5

Lab Sample ID: 890-7932-8

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 14:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 14:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 14:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/25 08:48	04/15/25 14:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 14:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/25 08:48	04/15/25 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/15/25 08:48	04/15/25 14:04	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/15/25 08:48	04/15/25 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/22/25 01:18	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: SW-5

Lab Sample ID: 890-7932-8

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:10	04/22/25 01:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/25 08:10	04/22/25 01:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/25 08:10	04/22/25 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				04/15/25 08:10	04/22/25 01:18	1
o-Terphenyl	156	S1+	70 - 130				04/15/25 08:10	04/22/25 01:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		9.92		mg/Kg			04/15/25 20:50	1

Client Sample ID: SW-6

Lab Sample ID: 890-7932-9

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 14:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/15/25 08:48	04/15/25 14:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/15/25 08:48	04/15/25 14:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/15/25 08:48	04/15/25 14:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/15/25 08:48	04/15/25 14:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/15/25 08:48	04/15/25 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/15/25 08:48	04/15/25 14:25	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/15/25 08:48	04/15/25 14:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/22/25 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 01:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 01:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/15/25 08:10	04/22/25 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				04/15/25 08:10	04/22/25 01:34	1
o-Terphenyl	148	S1+	70 - 130				04/15/25 08:10	04/22/25 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		10.0		mg/Kg			04/15/25 20:57	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: SW-9

Lab Sample ID: 890-7932-10

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 14:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 14:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 14:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/15/25 08:48	04/15/25 14:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/15/25 08:48	04/15/25 14:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/15/25 08:48	04/15/25 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/15/25 08:48	04/15/25 14:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/15/25 08:48	04/15/25 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/21/25 20:06	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		04/15/25 08:15	04/21/25 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/25 08:15	04/21/25 20:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/25 08:15	04/21/25 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				04/15/25 08:15	04/21/25 20:06	1
o-Terphenyl	148	S1+	70 - 130				04/15/25 08:15	04/21/25 20:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.5		9.92		mg/Kg			04/15/25 17:13	1

Client Sample ID: SW-10

Lab Sample ID: 890-7932-11

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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		04/15/25 08:48	04/15/25 16:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 16:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 16:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/15/25 08:48	04/15/25 16:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 16:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/15/25 08:48	04/15/25 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				04/15/25 08:48	04/15/25 16:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/15/25 08:48	04/15/25 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/21/25 20:50	1

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Client Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: SW-10
Date Collected: 04/11/25 00:00
Date Received: 04/14/25 08:33

Lab Sample ID: 890-7932-11
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/15/25 08:15	04/21/25 20:50	1	
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/15/25 08:15	04/21/25 20:50	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/15/25 08:15	04/21/25 20:50	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	147	S1+	70 - 130				04/15/25 08:15	04/21/25 20:50	1	
o-Terphenyl	153	S1+	70 - 130				04/15/25 08:15	04/21/25 20:50	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	111		9.98		mg/Kg			04/15/25 17:30	1	

Surrogate Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7932-1	CS-1	103	102
890-7932-1 MS	CS-1	103	101
890-7932-1 MSD	CS-1	98	103
890-7932-2	CS-2	101	101
890-7932-3	CS-3	102	103
890-7932-4	CS-6	105	98
890-7932-5	CS-7	100	102
890-7932-6	CS-11	104	100
890-7932-7	CS-13	105	100
890-7932-8	SW-5	110	100
890-7932-9	SW-6	101	103
890-7932-10	SW-9	104	101
890-7932-11	SW-10	111	103
LCS 880-107704/1-A	Lab Control Sample	100	100
LCSD 880-107704/2-A	Lab Control Sample Dup	98	100
MB 880-107704/5-A	Method Blank	100	95
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7931-A-21-E MS	Matrix Spike	135 S1+	138 S1+
890-7931-A-21-F MSD	Matrix Spike Duplicate	141 S1+	142 S1+
890-7932-1	CS-1	138 S1+	147 S1+
890-7932-2	CS-2	149 S1+	157 S1+
890-7932-3	CS-3	139 S1+	148 S1+
890-7932-4	CS-6	154 S1+	166 S1+
890-7932-5	CS-7	151 S1+	162 S1+
890-7932-6	CS-11	139 S1+	149 S1+
890-7932-7	CS-13	139 S1+	149 S1+
890-7932-8	SW-5	148 S1+	156 S1+
890-7932-9	SW-6	136 S1+	148 S1+
890-7932-10	SW-9	141 S1+	148 S1+
890-7932-10 MS	SW-9	167 S1+	159 S1+
890-7932-10 MSD	SW-9	166 S1+	159 S1+
890-7932-11	SW-10	147 S1+	153 S1+
LCS 880-107678/2-A	Lab Control Sample	132 S1+	126
LCS 880-107679/2-A	Lab Control Sample	143 S1+	126
LCSD 880-107678/3-A	Lab Control Sample Dup	122	118
LCSD 880-107679/3-A	Lab Control Sample Dup	139 S1+	125
MB 880-107678/1-A	Method Blank	104	105
MB 880-107679/1-A	Method Blank	108	109
Surrogate Legend			
1CO = 1-Chlorooctane			

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Surrogate Summary

Client: NT Global
Project/Site: Buffett BFF State #001
OTPH = o-Terphenyl

Job ID: 890-7932-1
SDG: 259736

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

QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-107704/5-A

Matrix: Solid

Analysis Batch: 107690

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 107704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 11:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 11:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 11:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/15/25 08:48	04/15/25 11:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/15/25 08:48	04/15/25 11:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/15/25 08:48	04/15/25 11:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/15/25 08:48	04/15/25 11:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/15/25 08:48	04/15/25 11:19	1

Lab Sample ID: LCS 880-107704/1-A

Matrix: Solid

Analysis Batch: 107690

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07435		mg/Kg		74	70 - 130
Toluene	0.100	0.06980		mg/Kg		70	70 - 130
Ethylbenzene	0.100	0.07320		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.200	0.1499		mg/Kg		75	70 - 130
o-Xylene	0.100	0.07739		mg/Kg		77	70 - 130

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

Lab Sample ID: LCSD 880-107704/2-A

Matrix: Solid

Analysis Batch: 107690

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 107704

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08163		mg/Kg		82	70 - 130	9	35
Toluene	0.100	0.07602		mg/Kg		76	70 - 130	9	35
Ethylbenzene	0.100	0.07886		mg/Kg		79	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1594		mg/Kg		80	70 - 130	6	35
o-Xylene	0.100	0.08162		mg/Kg		82	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7932-1 MS

Matrix: Solid

Analysis Batch: 107690

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 107704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F2	0.100	0.08413		mg/Kg		84	70 - 130
Toluene	<0.00202	U F2	0.100	0.07266		mg/Kg		73	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

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

Lab Sample ID: 890-7932-1 MS

Matrix: Solid

Analysis Batch: 107690

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 107704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U F2	0.100	0.07017		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.200	0.1392		mg/Kg		70	70 - 130
o-Xylene	<0.00202	U F2	0.100	0.07197		mg/Kg		72	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	101		70 - 130						

Lab Sample ID: 890-7932-1 MSD

Matrix: Solid

Analysis Batch: 107690

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 107704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F2	0.100	0.08674		mg/Kg		87	70 - 130	3	35
Toluene	<0.00202	U F2	0.100	0.07228		mg/Kg		72	70 - 130	1	35
Ethylbenzene	<0.00202	U F2	0.100	0.06974		mg/Kg		70	70 - 130	1	35
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.200	0.1363	F1	mg/Kg		68	70 - 130	2	35
o-Xylene	<0.00202	U F2	0.100	0.07061		mg/Kg		71	70 - 130	2	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	98		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

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

Lab Sample ID: MB 880-107678/1-A

Matrix: Solid

Analysis Batch: 108187

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 107678

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		04/15/25 08:09	04/21/25 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/25 08:09	04/21/25 19:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/25 08:09	04/21/25 19:22	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				04/15/25 08:09	04/21/25 19:22	1
o-Terphenyl	105		70 - 130				04/15/25 08:09	04/21/25 19:22	1

Lab Sample ID: LCS 880-107678/2-A

Matrix: Solid

Analysis Batch: 108187

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107678

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1020		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1082		mg/Kg		108	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

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

Lab Sample ID: LCS 880-107678/2-A

Matrix: Solid

Analysis Batch: 108187

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107678

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: LCSD 880-107678/3-A

Matrix: Solid

Analysis Batch: 108187

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 107678

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	948.4		mg/Kg		95	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1011		mg/Kg		101	70 - 130	7	20

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

Lab Sample ID: 890-7931-A-21-E MS

Matrix: Solid

Analysis Batch: 108187

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 107678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	1007		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	994	877.0		mg/Kg		88	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	135	S1+	70 - 130
o-Terphenyl	138	S1+	70 - 130

Lab Sample ID: 890-7931-A-21-F MSD

Matrix: Solid

Analysis Batch: 108187

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 107678

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	994	1028		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	994	898.0		mg/Kg		90	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	142	S1+	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

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

Lab Sample ID: MB 880-107679/1-A

Matrix: Solid

Analysis Batch: 108189

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 107679

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		04/15/25 08:12	04/21/25 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/15/25 08:12	04/21/25 19:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/15/25 08:12	04/21/25 19:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/15/25 08:12	04/21/25 19:22	1
o-Terphenyl	109		70 - 130				04/15/25 08:12	04/21/25 19:22	1

Lab Sample ID: LCS 880-107679/2-A

Matrix: Solid

Analysis Batch: 108189

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1025		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1121		mg/Kg		112	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	143	S1+	70 - 130				
o-Terphenyl	126		70 - 130				

Lab Sample ID: LCSD 880-107679/3-A

Matrix: Solid

Analysis Batch: 108189

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 107679

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	929.0		mg/Kg		93	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	1106		mg/Kg		111	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	139	S1+	70 - 130						
o-Terphenyl	125		70 - 130						

Lab Sample ID: 890-7932-10 MS

Matrix: Solid

Analysis Batch: 108189

Client Sample ID: SW-9

Prep Type: Total/NA

Prep Batch: 107679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	965.7		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	994	1013		mg/Kg		102	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

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

Lab Sample ID: 890-7932-10 MS
Matrix: Solid
Analysis Batch: 108189

Client Sample ID: SW-9
Prep Type: Total/NA
Prep Batch: 107679

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	167	S1+	70 - 130
o-Terphenyl	159	S1+	70 - 130

Lab Sample ID: 890-7932-10 MSD
Matrix: Solid
Analysis Batch: 108189

Client Sample ID: SW-9
Prep Type: Total/NA
Prep Batch: 107679

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	994	976.9		mg/Kg		98	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	994	1023		mg/Kg		103	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	166	S1+	70 - 130
o-Terphenyl	159	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107630/1-A
Matrix: Solid
Analysis Batch: 107726

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			04/15/25 17:21	1

Lab Sample ID: LCS 880-107630/2-A
Matrix: Solid
Analysis Batch: 107726

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.8		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-107630/3-A
Matrix: Solid
Analysis Batch: 107726

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	256.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-7931-A-31-B MS
Matrix: Solid
Analysis Batch: 107726

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	142		249	376.8		mg/Kg		94	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-7931-A-31-C MSD

Matrix: Solid

Analysis Batch: 107726

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	142		249	375.7		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-107631/1-A

Matrix: Solid

Analysis Batch: 107727

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			04/15/25 16:56	1

Lab Sample ID: LCS 880-107631/2-A

Matrix: Solid

Analysis Batch: 107727

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-107631/3-A

Matrix: Solid

Analysis Batch: 107727

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	264.9		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-7932-10 MS

Matrix: Solid

Analysis Batch: 107727

Client Sample ID: SW-9

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	88.5		248	360.8		mg/Kg		110	90 - 110

Lab Sample ID: 890-7932-10 MSD

Matrix: Solid

Analysis Batch: 107727

Client Sample ID: SW-9

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	88.5		248	361.7		mg/Kg		110	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

GC VOA

Analysis Batch: 107690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-1	CS-1	Total/NA	Solid	8021B	107704
890-7932-2	CS-2	Total/NA	Solid	8021B	107704
890-7932-3	CS-3	Total/NA	Solid	8021B	107704
890-7932-4	CS-6	Total/NA	Solid	8021B	107704
890-7932-5	CS-7	Total/NA	Solid	8021B	107704
890-7932-6	CS-11	Total/NA	Solid	8021B	107704
890-7932-7	CS-13	Total/NA	Solid	8021B	107704
890-7932-8	SW-5	Total/NA	Solid	8021B	107704
890-7932-9	SW-6	Total/NA	Solid	8021B	107704
890-7932-10	SW-9	Total/NA	Solid	8021B	107704
890-7932-11	SW-10	Total/NA	Solid	8021B	107704
MB 880-107704/5-A	Method Blank	Total/NA	Solid	8021B	107704
LCS 880-107704/1-A	Lab Control Sample	Total/NA	Solid	8021B	107704
LCSD 880-107704/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107704
890-7932-1 MS	CS-1	Total/NA	Solid	8021B	107704
890-7932-1 MSD	CS-1	Total/NA	Solid	8021B	107704

Prep Batch: 107704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-1	CS-1	Total/NA	Solid	5035	
890-7932-2	CS-2	Total/NA	Solid	5035	
890-7932-3	CS-3	Total/NA	Solid	5035	
890-7932-4	CS-6	Total/NA	Solid	5035	
890-7932-5	CS-7	Total/NA	Solid	5035	
890-7932-6	CS-11	Total/NA	Solid	5035	
890-7932-7	CS-13	Total/NA	Solid	5035	
890-7932-8	SW-5	Total/NA	Solid	5035	
890-7932-9	SW-6	Total/NA	Solid	5035	
890-7932-10	SW-9	Total/NA	Solid	5035	
890-7932-11	SW-10	Total/NA	Solid	5035	
MB 880-107704/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107704/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107704/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7932-1 MS	CS-1	Total/NA	Solid	5035	
890-7932-1 MSD	CS-1	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 107678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-1	CS-1	Total/NA	Solid	8015NM Prep	
890-7932-2	CS-2	Total/NA	Solid	8015NM Prep	
890-7932-3	CS-3	Total/NA	Solid	8015NM Prep	
890-7932-4	CS-6	Total/NA	Solid	8015NM Prep	
890-7932-5	CS-7	Total/NA	Solid	8015NM Prep	
890-7932-6	CS-11	Total/NA	Solid	8015NM Prep	
890-7932-7	CS-13	Total/NA	Solid	8015NM Prep	
890-7932-8	SW-5	Total/NA	Solid	8015NM Prep	
890-7932-9	SW-6	Total/NA	Solid	8015NM Prep	
MB 880-107678/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107678/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

GC Semi VOA (Continued)

Prep Batch: 107678 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-107678/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7931-A-21-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7931-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 107679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-10	SW-9	Total/NA	Solid	8015NM Prep	
890-7932-11	SW-10	Total/NA	Solid	8015NM Prep	
MB 880-107679/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107679/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107679/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7932-10 MS	SW-9	Total/NA	Solid	8015NM Prep	
890-7932-10 MSD	SW-9	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-1	CS-1	Total/NA	Solid	8015B NM	107678
890-7932-2	CS-2	Total/NA	Solid	8015B NM	107678
890-7932-3	CS-3	Total/NA	Solid	8015B NM	107678
890-7932-4	CS-6	Total/NA	Solid	8015B NM	107678
890-7932-5	CS-7	Total/NA	Solid	8015B NM	107678
890-7932-6	CS-11	Total/NA	Solid	8015B NM	107678
890-7932-7	CS-13	Total/NA	Solid	8015B NM	107678
890-7932-8	SW-5	Total/NA	Solid	8015B NM	107678
890-7932-9	SW-6	Total/NA	Solid	8015B NM	107678
MB 880-107678/1-A	Method Blank	Total/NA	Solid	8015B NM	107678
LCS 880-107678/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107678
LCSD 880-107678/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107678
890-7931-A-21-E MS	Matrix Spike	Total/NA	Solid	8015B NM	107678
890-7931-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107678

Analysis Batch: 108189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-10	SW-9	Total/NA	Solid	8015B NM	107679
890-7932-11	SW-10	Total/NA	Solid	8015B NM	107679
MB 880-107679/1-A	Method Blank	Total/NA	Solid	8015B NM	107679
LCS 880-107679/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107679
LCSD 880-107679/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107679
890-7932-10 MS	SW-9	Total/NA	Solid	8015B NM	107679
890-7932-10 MSD	SW-9	Total/NA	Solid	8015B NM	107679

Analysis Batch: 108327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-1	CS-1	Total/NA	Solid	8015 NM	
890-7932-2	CS-2	Total/NA	Solid	8015 NM	
890-7932-3	CS-3	Total/NA	Solid	8015 NM	
890-7932-4	CS-6	Total/NA	Solid	8015 NM	
890-7932-5	CS-7	Total/NA	Solid	8015 NM	
890-7932-6	CS-11	Total/NA	Solid	8015 NM	
890-7932-7	CS-13	Total/NA	Solid	8015 NM	
890-7932-8	SW-5	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

GC Semi VOA (Continued)

Analysis Batch: 108327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-9	SW-6	Total/NA	Solid	8015 NM	
890-7932-10	SW-9	Total/NA	Solid	8015 NM	
890-7932-11	SW-10	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 107630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-1	CS-1	Soluble	Solid	DI Leach	
890-7932-2	CS-2	Soluble	Solid	DI Leach	
890-7932-3	CS-3	Soluble	Solid	DI Leach	
890-7932-4	CS-6	Soluble	Solid	DI Leach	
890-7932-5	CS-7	Soluble	Solid	DI Leach	
890-7932-6	CS-11	Soluble	Solid	DI Leach	
890-7932-7	CS-13	Soluble	Solid	DI Leach	
890-7932-8	SW-5	Soluble	Solid	DI Leach	
890-7932-9	SW-6	Soluble	Solid	DI Leach	
MB 880-107630/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107630/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107630/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7931-A-31-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7931-A-31-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 107631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-10	SW-9	Soluble	Solid	DI Leach	
890-7932-11	SW-10	Soluble	Solid	DI Leach	
MB 880-107631/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107631/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107631/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7932-10 MS	SW-9	Soluble	Solid	DI Leach	
890-7932-10 MSD	SW-9	Soluble	Solid	DI Leach	

Analysis Batch: 107726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-1	CS-1	Soluble	Solid	300.0	107630
890-7932-2	CS-2	Soluble	Solid	300.0	107630
890-7932-3	CS-3	Soluble	Solid	300.0	107630
890-7932-4	CS-6	Soluble	Solid	300.0	107630
890-7932-5	CS-7	Soluble	Solid	300.0	107630
890-7932-6	CS-11	Soluble	Solid	300.0	107630
890-7932-7	CS-13	Soluble	Solid	300.0	107630
890-7932-8	SW-5	Soluble	Solid	300.0	107630
890-7932-9	SW-6	Soluble	Solid	300.0	107630
MB 880-107630/1-A	Method Blank	Soluble	Solid	300.0	107630
LCS 880-107630/2-A	Lab Control Sample	Soluble	Solid	300.0	107630
LCSD 880-107630/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107630
890-7931-A-31-B MS	Matrix Spike	Soluble	Solid	300.0	107630
890-7931-A-31-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	107630

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

HPLC/IC

Analysis Batch: 107727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7932-10	SW-9	Soluble	Solid	300.0	107631
890-7932-11	SW-10	Soluble	Solid	300.0	107631
MB 880-107631/1-A	Method Blank	Soluble	Solid	300.0	107631
LCS 880-107631/2-A	Lab Control Sample	Soluble	Solid	300.0	107631
LCSD 880-107631/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107631
890-7932-10 MS	SW-9	Soluble	Solid	300.0	107631
890-7932-10 MSD	SW-9	Soluble	Solid	300.0	107631

Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: CS-1

Lab Sample ID: 890-7932-1

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 11:41	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/21/25 23:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/21/25 23:33	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 19:45	CH	EET MID

Client Sample ID: CS-2

Lab Sample ID: 890-7932-2

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 12:01	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/21/25 23:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/21/25 23:47	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 19:52	CH	EET MID

Client Sample ID: CS-3

Lab Sample ID: 890-7932-3

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 12:22	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/22/25 00:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/22/25 00:03	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 20:14	CH	EET MID

Client Sample ID: CS-6

Lab Sample ID: 890-7932-4

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 12:42	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/22/25 00:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/22/25 00:18	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: CS-6

Lab Sample ID: 890-7932-4

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 20:21	CH	EET MID

Client Sample ID: CS-7

Lab Sample ID: 890-7932-5

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 13:03	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/22/25 00:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/22/25 00:34	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 20:28	CH	EET MID

Client Sample ID: CS-11

Lab Sample ID: 890-7932-6

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 13:23	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/22/25 00:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/22/25 00:48	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 20:35	CH	EET MID

Client Sample ID: CS-13

Lab Sample ID: 890-7932-7

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 13:44	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/22/25 01:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/22/25 01:04	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 20:43	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: SW-5

Lab Sample ID: 890-7932-8

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 14:04	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/22/25 01:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/22/25 01:18	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 20:50	CH	EET MID

Client Sample ID: SW-6

Lab Sample ID: 890-7932-9

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 14:25	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/22/25 01:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107678	04/15/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108187	04/22/25 01:34	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107630	04/14/25 14:18	SA	EET MID
Soluble	Analysis	300.0		1			107726	04/15/25 20:57	CH	EET MID

Client Sample ID: SW-9

Lab Sample ID: 890-7932-10

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 14:45	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/21/25 20:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107679	04/15/25 08:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108189	04/21/25 20:06	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107631	04/14/25 14:21	SA	EET MID
Soluble	Analysis	300.0		1			107727	04/15/25 17:13	CH	EET MID

Client Sample ID: SW-10

Lab Sample ID: 890-7932-11

Date Collected: 04/11/25 00:00

Matrix: Solid

Date Received: 04/14/25 08:33

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	107704	04/15/25 08:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107690	04/15/25 16:19	MNR	EET MID
Total/NA	Analysis	8015 NM		1			108327	04/21/25 20:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107679	04/15/25 08:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108189	04/21/25 20:50	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Client Sample ID: SW-10
Date Collected: 04/11/25 00:00
Date Received: 04/14/25 08:33

Lab Sample ID: 890-7932-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	107631	04/14/25 14:21	SA	EET MID
Soluble	Analysis	300.0		1			107727	04/15/25 17:30	CH	EET MID

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

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Accreditation/Certification Summary

Client: NT Global
Project/Site: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

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: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

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: Buffett BFF State #001

Job ID: 890-7932-1
SDG: 259736

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7932-1	CS-1	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-2	CS-2	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-3	CS-3	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-4	CS-6	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-5	CS-7	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-6	CS-11	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-7	CS-13	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-8	SW-5	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-9	SW-6	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-10	SW-9	Solid	04/11/25 00:00	04/14/25 08:33
890-7932-11	SW-10	Solid	04/11/25 00:00	04/14/25 08:33

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Chain of Custody

Work Order No: _____



890-7932 Chain of Custody

Program: UST/PS

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐Deliverables: EDD ☐ ADaPT ☐ Other: _____

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 West McKay Street	Address:	
City, State ZIP:	Carlsbad, New Mexico	City, State ZIP:	
Phone:		Email:	

Project Name:		Buffett BFF State #001		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:		259736		☒ 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, Ethan Sessums		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No		Wet Ice:		☒ Yes ☐ No		Parameters														H ₃ PO ₄ : HP	
Received Intact:		☒ Yes ☐ No		Thermometer ID:		TPM007				BTEX 8021B														NaHSO ₄ : NABIS	
Cooler Custody Seals:		☒ Yes ☐ No		Correction Factor:		-0.2				TPH 8015M (GRO + DRO + MRO)														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		☒ Yes ☐ No		Temperature Reading:		-4.0				Chloride 4500														Zn Acetate+NaOH: Zn	
Total Containers:		11		Corrected Temperature:		-3.8																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
CS-1		4/11/2025		X		Comp	1	X	X	X															
CS-2		4/11/2025		X		Comp	1	X	X	X															
CS-3		4/11/2025		X		Comp	1	X	X	X															
CS-6		4/11/2025		X		Comp	1	X	X	X															
CS-7		4/11/2025		X		Comp	1	X	X	X															
CS-11		4/11/2025		X		Comp	1	X	X	X															
CS-13		4/11/2025		X		Comp	1	X	X	X															
SW-5		4/11/2025		X		Comp	1	X	X	X															
SW-6		4/11/2025		X		Comp	1	X	X	X															
SW-9		4/11/2025		X		Comp	1	X	X	X															

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Kenny Han</i>	<i>Alach</i>	8:33 4/11	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1



Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	209 West McKay Street	Address:	
City, State ZIP:	Carlsbad, New Mexico	City, State ZIP:	
Phone:		Email:	

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

Project Name:		Buffett BFF State #001		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes											
Project Number:		259736		☒ Routine ☐ Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																None: NO DI Water: H ₂ O										
Project Location:		Lea County, New Mexico		Due Date:																				Cool: Cool MeOH: Me										
Sampler's Name:		Kenny Han, Ethan Sessums		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	HOLD																H ₃ PO ₄ : HP											
Received Intact:		☒ Yes ☐ No		Thermometer ID: <i>11111111</i>																			NaHSO ₄ : NABIS											
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Correction Factor: <i>0.7</i>																			Na ₂ S ₂ O ₃ : NaSO ₃											
Sample Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading: <i>-11.0</i>																			Zn Acetate+NaOH: Zn											
Total Containers:		11		Corrected Temperature: <i>-7.8</i>		Parameters																	NaOH+Ascorbic Acid: SAPC											
Sample Identification		Depth (ft bgs)		Date																			Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments	
SW-10				4/11/2025																					X				Comp		1			

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Kenny Han</i>	<i>alsh</i>	8:33 4/15	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7932-1

SDG Number: 259736

Login Number: 7932

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: 890-7932-1

SDG Number: 259736

Login Number: 7932

List Number: 2

Creator: Rios, Minerva

List Source: Eurofins Midland

List Creation: 04/15/25 08:40 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	

Confirmation Sampling Notifications

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	443844	Districts:	Hobbs
Operator:	[371682] STEWARD ENERGY II, LLC	Counties:	Lea
Description:	STEWARD ENERGY II, LLC [371682] , nJXK1606032003		
Status:	APPROVED		
Status Date:	03/19/2025		
References (2):	30-025-36917, nJXK1606032003		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nJXK1606032003
Incident Name	NJXK1606032003 2016 MINOR A SWS @ 30-025-36917
Incident Type	Produced Water Release
Incident Status	Closure Not Approved
Incident Well	[30-025-36917] BUFFETT BFF STATE #001

Location of Release Source

Site Name	Unavailable.
Date Release Discovered	02/23/2016
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	2,100
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/26/2025
Time sampling will commence	10:30 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	NTGE CELL#: 575-988-8856
Please provide any information necessary for navigation to sampling site	GPS coordinates: 33.2720509742, -103.086087912

Comments

No comments found for this submission.

Conditions

Summary: *nwhite (3/19/2025)*, Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

Go Back

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	450208	Districts:	Hobbs
Operator:	[371682] STEWARD ENERGY II, LLC	Counties:	Lea
Description:	STEWARD ENERGY II, LLC [371682] , nJXK1606032003		
Status:	APPROVED		
Status Date:	04/09/2025		
References (2):	30-025-36917, nJXK1606032003		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nJXK1606032003
Incident Name	NJXK1606032003 2016 MINOR A SWS @ 30-025-36917
Incident Type	Produced Water Release
Incident Status	Closure Not Approved
Incident Well	[30-025-36917] BUFFETT BFF STATE #001

Location of Release Source

Site Name	Unavailable.
Date Release Discovered	02/23/2016
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	2,100
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/11/2025
Time sampling will commence	12:00 PM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	NTGE CELL#: 575-988-8856
Please provide any information necessary for navigation to sampling site	GPS coordinates: 33.2720509742, -103.086087912

Comments

No comments found for this submission.

Conditions

Summary: *nwhite (4/9/2025)*, Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

Go Back

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 473212

QUESTIONS

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJXK1606032003
Incident Name	NJXK1606032003 BUFFETT BFF STATE #001 @ 30-025-36917
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-36917] BUFFETT BFF STATE #001

Location of Release Source

Please answer all the questions in this group.

Site Name	Buffett BFF State #001
Date Release Discovered	02/23/2016
Surface Owner	Private

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	Cause: Equipment Failure Separator Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	10 BBLs of Produced water and 5 BBLs of Crude oil

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QUESTIONS, Page 2

Action 473212

QUESTIONS (continued)

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

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: Lucy Johnson Title: Director of Operations Email: lucy@burkroyalty.com Date: 06/12/2025
--	--

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QUESTIONS, Page 3

Action 473212

QUESTIONS (continued)

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	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 ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
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	Greater than 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)	2390
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	33500
GRO+DRO (EPA SW-846 Method 8015M)	33500
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	02/24/2025
On what date will (or did) the final sampling or liner inspection occur	04/11/2025
On what date will (or was) the remediation complete(d)	05/06/2025
What is the estimated surface area (in square feet) that will be reclaimed	55354
What is the estimated volume (in cubic yards) that will be reclaimed	2050
What is the estimated surface area (in square feet) that will be remediated	2260
What is the estimated volume (in cubic yards) that will be remediated	207
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 473212

QUESTIONS (continued)

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	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	GANDY MARLEY LANDFARM/LANDFILL [FEEM0112338393]
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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Lucy Johnson Title: Director of Operations Email: lucy@burkroyalty.com Date: 06/12/2025
<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 473212

QUESTIONS (continued)

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	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 473212

QUESTIONS (continued)

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	450208
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/11/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	2100

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	2260
What was the total volume (cubic yards) remediated	207
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	55354
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: Lucy Johnson Title: Director of Operations Email: lucy@burkroyalty.com Date: 06/12/2025
--	--

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QUESTIONS, Page 7

Action 473212

QUESTIONS (continued)

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	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 473212

CONDITIONS

Operator: BURK ROYALTY CO., LTD. P.O. Box 94903 Wichita Falls, TX 76308	OGRID: 3053
	Action Number: 473212
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	7/23/2025