

Remediation Summary & Soil Closure Request

Permian Resources

Outland 14-23 State 2BS 2H

Lea County, New Mexico

Unit Letter D, Section 14, Township 21 South, Range 34 East

Latitude 32.486037 North, Longitude 103.445132 West

NMOCD Reference No. NAPP2328345879

Prepared By:


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Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Permian Resources, has prepared this Remediation Summary & Soil Closure Request for the release site known as the Outland 14-23 State 2BS 2H (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source				
Latitude: <u>32.486037</u>		Longitude: <u>-103.445132</u>		
Provided GPS are in WGS84 format.				
Site Name: <u>Outland 14-23 State 2BS 2H</u>		Site Type: <u>Pump</u>		
Date Release Discovered: <u>9/25/2023</u>		API # (if applicable):		
Unit Letter	Section	Township	Range	County
D	14	21S	34E	Lea
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Private (Name _____)				
Nature and Volume of Release				
<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	1	Volume Recovered (bbls)	0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls)	9	Volume Recovered (bbls)	2
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
<input type="checkbox"/> Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
<input type="checkbox"/> Other (describe)	Volume/Weight Released		Volume/Weight Recovered	
Cause of Release: The release was attributed to equipment failure.				
Initial Response				
<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.				

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 75 and 100 (ft.)
What method was used to determine the depth to groundwater?	NM OSE iWaters Database Search
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1000 (ft.) and ½ (mi.)
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 1 and 5 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater and NMOCD siting information is provided as Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2 and 4.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
Between 75 and 100 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	10,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
On what estimated date will (or did) the remediation commence?	12/1/2023	
On what date will (or did) the final sampling or liner inspection occur?	10/16/2024	
On what date will (or was) the remediation complete(d)?	10/29/2024	
What is the total surface area (sq. ft.) in need of or that will <i>eventually</i> be reclaimed?	25,700	
What is the total volume (cy) in need of or that will <i>eventually</i> be reclaimed?	3,398	
What was the total surface area (sq. ft.) that has or will be remediated?	25,700	
What was the total volume (cy) that has or will be remediated?	6,280	
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Soil Vapor Extraction	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Ground Water Abatement pursuant to 19.15.30 NMAC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other (Non-listed remedial process)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Which OCD approved facility was or will be used for off-site disposal?	Lea Land, Inc.	
NMOCD Disposal Facility ID?	fEEM0112342028	
Summarize any additional remediation activities not included by answers above.	See below	

Between December 1, 2023 and June 3, 2024, remediation activities were conducted by an alternative environmental contractor at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria was excavated and temporarily stockpiled on-site, then transferred to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Between December 1, 2023 and June 3, 2024, remediation activities were conducted by an alternative environmental contractor at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria was excavated and temporarily stockpiled on-site, then transferred to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided on the following page:

Constituent	Highest Observable Concentration	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	20,400	SW-52	4/12/2024	5-6	Excavated/Disposed
TPH	1,260	SW-36	12/15/2023	0-3	Excavated/Disposed
GRO+DRO	1,260	SW-36	12/15/2023	0-3	Excavated/Disposed
BTEX	2.49	CS-60	12/15/2023	3	Excavated/Disposed
Benzene	<MDL	All submitted samples	All dates	All Depths	N/A

Please reference Table 1 for additional information.

On June 21, 2024, Etech assumed remediation responsibilities at the Site. Upon assuming remediation responsibilities, impacted material affected above the NMOCD Closure Criteria remaining in-situ was excavated and temporarily stockpiled on-site, then transferred to and NMOCD-permitted surface waste facility for disposal. Between December 1, 2023, and October 16, 2024, two hundred and sixty-five (265) confirmation soil samples were collected from the floor and sidewalls of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Impacted areas characterized by soil samples exhibiting BTEX, TPH, and/or chloride concentrations above the applicable NMOCD Closure Criteria were excavated and resampled, as necessary.

The final dimensions of the excavated area were approximately two hundred and thirty (230) feet in length, fifty-five (55) to one hundred and thirty five (135) feet in width, and one (1) to twenty-nine (29) feet in depth. During the course of remediation activities, approximately 6,280 cubic yards of impacted soil was transported to an NMOCD-permitted surface waste facility for disposal. An equal amount of locally sourced, non-impacted material was imported to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

5.0 SOIL CLOSURE REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a remediation closure approval with this submission?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the lateral and vertical extents of contamination been fully delineated?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Was this release entirely contained within a lined containment area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
What was the total surface area (sq. ft.) remediated?	25,700	
What was the total volume (cy) remediated?	6,280	

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Permian Resources provide copies of this Remediation Summary & Soil Closure Request to the appropriate agencies and request remediation closure approval be granted to the Site.

6.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Requesting a reclamation approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Requesting a restoration complete approval with this submission?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What was the total surface area (in square feet) reclaimed?	25,700	
What was the total volume (in cubic yards) reclaimed?	3,398	

On September 4, 2024, in accordance with the NMOCD, a 5-point composite soil sample (Merchant Outland Pit) was collected from the imported material stockpiled on-site to be utilized as backfill. The soil sample was submitted to the laboratory for analysis of BTEX, TPH, and chloride concentrations. Laboratory analytical results indicated that the BTEX, TPH, and chloride concentrations in the soil sample were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards and confirmed that the material was acceptable for use as backfill.

Upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

The release was limited to the production pad of an active facility and did not impact the adjacent pasture. Final reclamation will be conducted in accordance with the NMSLO upon decommissioning and abandonment of the facility.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this Remediation Summary & Soil Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Permian Resources. Use of the information contained in this report is prohibited without the consent of Etech and/or Permian Resources.

8.0 DISTRIBUTION

Permian Resources

*300 N. Marienfeld St. Suite 100
Midland, TX 79701*

New Mexico Energy, Minerals and Natural Resources Department

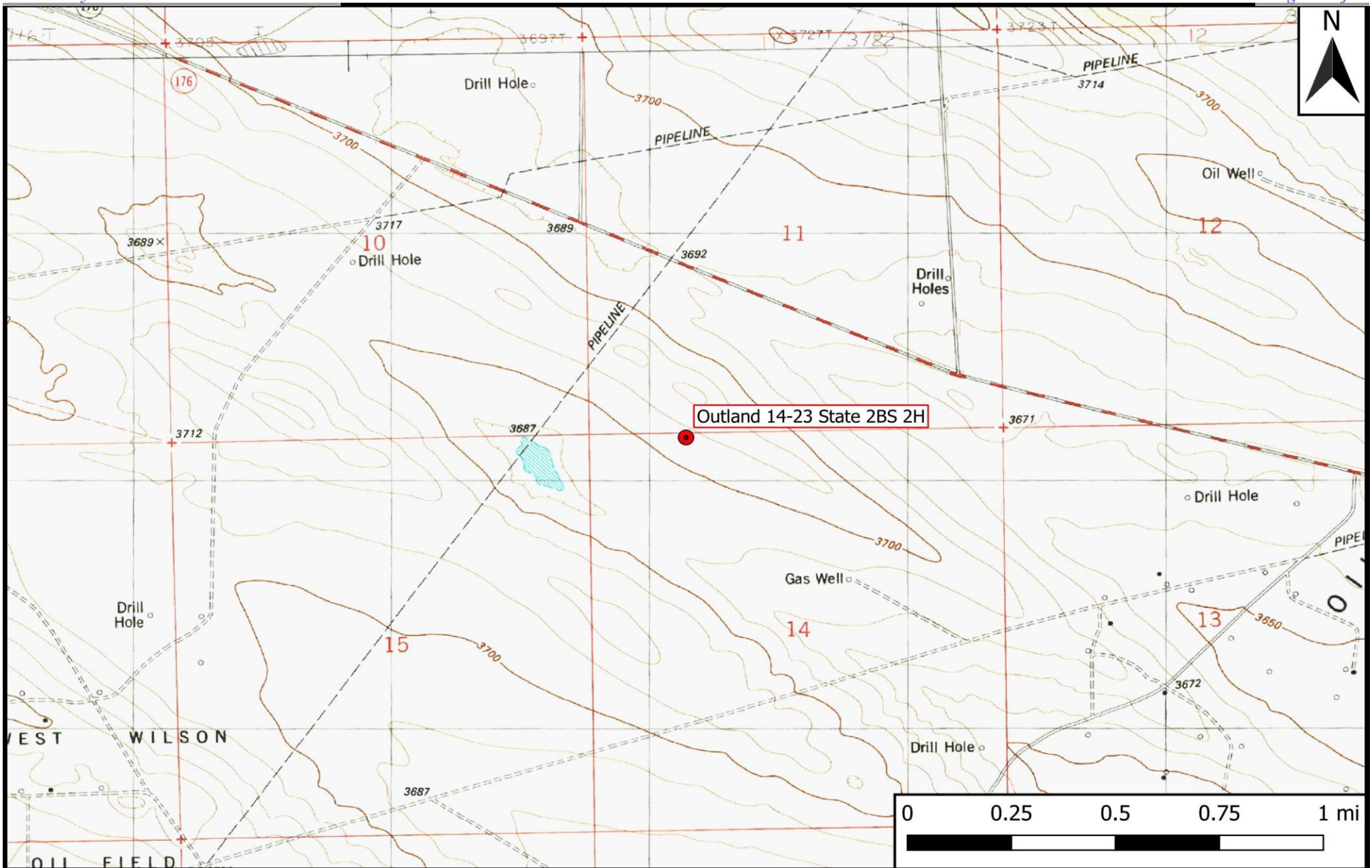
*Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505*

Hobbs Field Office

*New Mexico State Land Office
2827 North Dal Paso Street
Suite 117
Hobbs, NM 88240*

(Electronic Submission)

Figure 1 Topographic Map



Legend

- Site Location

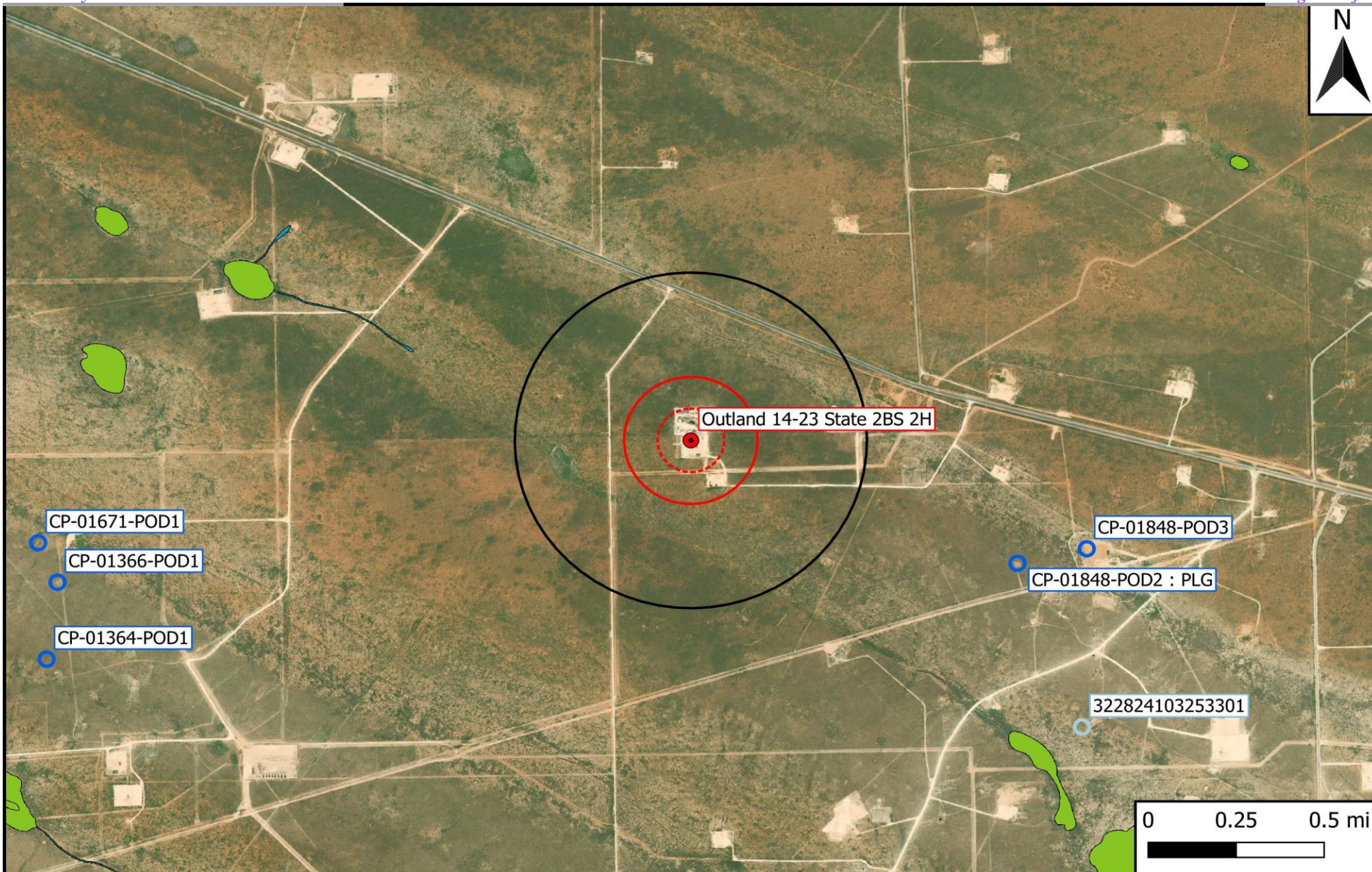
Figure 1
 Topographic Map
 Permian Resources
 Outland 14-23 State 2BS 2H
 GPS: 32.486037, -103.445132
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 6/21/24

Figure 2

Aerial Proximity Map



Legend	
	Site Location
	Well - NMOSE
	Well - USGS
	Potash Mine Workings
	Medium/High Karst
	500 Ft Radius
	1000 Ft Radius
	0.5 Mi Radius
	1% Annual Flood Chance
	Lake/Freshwater Pond
	Emergent/Forested Wetlands
	Riverine

Figure 2
 Aerial Proximity Map
 Permian Resources
 Outland 14-23 State 2BS 2H
 GPS: 32.486037, -103.445132
 Lea County



Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 6/21/24

Figure 3

Site and Sample Location Map



Legend:

	Excavated Area
	Sidewall Sample Location
	Confirmation Soil Sample

Figure 1
 Site Diagram
 Outland 14-23 State 2BS 2H
 Permian Resources
 GPS: 32.486037, -103.445132

Drafted: jwl Checked: bja Date: 11/1/24

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Outland 14-23 State 2BS 2H
NMOCD Ref. #: NAPP2328345879

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
CS-1	12/1/2023	1	In-Situ	<0.050	<0.300	<10.0	25.5	25.5	<10.0	25.5	272
CS-2	12/1/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-3	12/1/2023	1	In-Situ	<0.050	<0.300	<10.0	45.0	45.0	<10.0	45.0	544
CS-4	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-5	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-6	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-7	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-8	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-9	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-10	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-11	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	14.0	14.0	<10.0	14.0	240
CS-12	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-13	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-14	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-15	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-16	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-17	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-18	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-19	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	36.8	36.8	<10.0	36.8	528
CS-20	12/1/2023	3	Excavated	<0.050	<0.300	<10.0	191	191	<10.0	191	272
CS-20A	4/12/2024	5	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	129
CS-21	12/1/2023	3	Excavated	<0.050	<0.300	<10.0	304	304	<10.0	304	448
CS-21A	4/12/2024	5	In-Situ	<0.00200	<0.00403	<50.5	<50.5	<50.5	<50.5	<50.5	161
CS-22	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	21.1	21.1	<10.0	21.1	352
CS-23	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-24	12/1/2023	3	Excavated	<0.050	<0.300	<10.0	19.8	19.8	<10.0	19.8	768
CS-24A	4/12/2024	5	Excavated	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	930
CS - 24B @ 5'	10/14/2024	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
CS-25	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	31.6	31.6	<10.0	31.6	224
CS-26	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	17.7	17.7	<10.0	17.7	128
CS-27	12/1/2023	3	In-Situ	<0.050	<0.300	<10.0	10.3	10.3	<10.0	10.3	64.0
CS-28	12/1/2023	3	Excavated	<0.050	<0.300	<10.0	241	241	68.1	309	4,640
CS-28A	4/12/2024	6	Excavated	<0.00200	<0.00399	<49.7	58.2	58.2	<49.7	58.2	14,200
CS 28 A @ 12'	10/16/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
CS-29	12/1/2023	3	Excavated	<0.050	<0.300	<10.0	26.4	26.4	<10.0	26.4	2,200
CS-29A	4/12/2024	6	Excavated	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	626
CS 29A @ 12'	10/16/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
CS-30	12/4/2023	4	In-Situ	<0.050	<0.300	<10.0	10.3	10.3	<10.0	10.3	304
CS-31	12/4/2023	4	In-Situ	<0.050	<0.300	<10.0	11.4	11.4	<10.0	11.4	528
CS-32	12/4/2023	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-33	12/4/2023	6	Excavated	<0.050	<0.300	<10.0	22.3	22.3	<10.0	22.3	2,840

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Outland 14-23 State 2BS 2H
NMOCD Ref. #: NAPP2328345879

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
CS-33A	4/12/2024	9	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	313
CS-34	12/4/2023	6	Excavated	<0.050	<0.300	<10.0	770	770	<10.0	770	1,260
CS-34A	4/12/2024	9	In-Situ	<0.00199	<0.00398	<49.6	<49.6	<49.6	<49.6	<49.6	259
CS-35	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	16.0	16.0	<10.0	16.0	160
CS-36	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-37	12/4/2023	9	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,440
CS-37A	4/12/2024	12	In-Situ	<0.00202	<0.00403	<50.3	<50.3	<50.3	<50.3	<50.3	279
CS-38	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	16.0	16.0	<10.0	16.0	560
CS-39	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-40	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	32.4	32.4	<10.0	32.4	288
CS-41	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	51.9	51.9	<10.0	51.9	240
CS-42	12/4/2023	9	Excavated	<0.050	<0.300	<10.0	181	181	<10.0	181	448
CS-42A	4/12/2024	10	In-Situ	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	304
CS-43	12/4/2023	9	Excavated	<0.050	<0.300	<10.0	135	135	<10.0	135	496
CS-43A	4/12/2024	10	Excavated	<0.00202	<0.00404	<50.4	171	171	<50.4	171	374
CS 43 B @ 10'	8/27/2024	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
CS-44	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-45	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-46	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	85.6	85.6	<10.0	85.6	496
CS-47	12/4/2023	9	Excavated	<0.050	<0.300	<10.0	102	102	<10.0	102	688
CS-47A	4/12/2024	10	Excavated	<0.00200	<0.00399	<50.1	216	216	<50.1	216	137
CS 47 B @ 7'	8/27/2024	7	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
CS-48	12/4/2023	9	In-Situ	<0.050	<0.300	<10.0	87.6	87.6	<10.0	87.6	416
CS-49	12/4/2023	9	Excavated	<0.050	<0.300	<10.0	170	170	<10.0	170	944
CS-49A	4/12/2024	10	In-Situ	<0.00198	<0.00396	<50.5	74.9	74.9	<50.5	74.9	208
CS-50	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-51	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	27.3	27.3	<10.0	27.3	400
CS-52	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	16.9	16.9	<10.0	16.9	368
CS-53	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	64.1	64.1	<10.0	64.1	112
CS-54	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	28.9	28.9	<10.0	28.9	64.0
CS-55	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-56	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	70.8	70.8	<10.0	70.8	80.0
CS-57	12/15/2023	3	Excavated	<0.050	<0.300	<10.0	114	114	<10.0	114	32.0
CS-57A	4/12/2024	4	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	237
CS-58	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	22.5	22.5	<10.0	22.5	48.0
CS-59	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	41.8	41.8	<10.0	41.8	48.0
CS-60	12/15/2023	3	Excavated	<0.050	2.49	<10.0	695	695	62.0	757	112
CS-60A	4/12/2024	5	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	477
CS-61	12/15/2023	3	Excavated	<0.050	<0.300	<10.0	112	112	<10.0	122	80.0
CS-61A	4/12/2024	5	Excavated	<0.00201	<0.00402	<49.8	753	753	<49.8	753	481
CS 61 B @ 6'	8/26/2024	6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Outland 14-23 State 2BS 2H
NMOCD Ref. #: NAPP2328345879

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
CS-62	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	16.0	16.0	<10.0	16.0	288
CS-63	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	82.9	82.9	<10.0	82.9	144
CS-64	12/15/2023	3	Excavated	<0.050	<0.300	<10.0	242	242	<10.0	242	96.0
CS-64A	4/12/2024	4	In-Situ	<0.00200	<0.00401	<50.3	50.8	50.8	<50.3	50.8	150
CS-65	12/15/2023	3	Excavated	<0.050	<0.300	<10.0	111	111	<10.0	111	32.0
CS-65A	4/12/2024	5	In-Situ	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	102
CS-66	12/15/2023	3	Excavated	<0.050	<0.300	<10.0	183	183	<10.0	183	320
CS-66A	4/12/2024	5	In-Situ	<0.00200	<0.00399	<50.4	<50.4	<50.4	<50.4	<50.4	69.1
CS-67	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	21.2	21.2	<10.0	21.2	<16.0
CS-68	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	43.7	43.7	<10.0	43.7	400
CS-69	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	79.8	79.8	<10.0	79.8	144
CS-70	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-71	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-72	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-73	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-74	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-75	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-76	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-77	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-78	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-79	12/15/2023	5	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
CS-79A	4/12/2024	6	Excavated	<0.00198	<0.00396	<50.5	74.3	74.3	<50.5	74.3	7,240
CS 79 B @ 11'	8/28/2024	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
CS-80	12/15/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-81	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-82	12/15/2023	5	Excavated	<0.050	<0.300	<10.0	22.8	22.8	<10.0	22.8	1,260
CS-82A	4/12/2024	9	Excavated	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	4,510
CS 82 B @ 10'	8/27/2024	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
CS-83	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-84	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-85	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-86	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-87	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-88	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-89	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-90	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-91	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-92	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-93	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-94	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-95	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Outland 14-23 State 2BS 2H
NMOCD Ref. #: NAPP2328345879

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
CS-96	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-97	12/15/2023	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-98	12/15/2023	2	Excavated	<0.050	<0.300	<10.0	92.7	92.7	20.5	113	3,440
CS-98A	4/12/2024	5	Excavated	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	3,370
CS - 98A @ 13'	10/14/2024	13	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
CS-99	12/15/2023	2	Excavated	<0.050	<0.300	<10.0	44.1	44.1	<10.0	44.1	1,920
CS-99A	4/12/2024	5	Excavated	<0.00202	<0.00403	<50.5	<50.5	<50.5	<50.5	<50.5	2,810
CS - 99A @ 12'	10/14/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
CS-100	12/15/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-101	12/15/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-102	12/15/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-103	12/15/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-104	12/15/2023	4	In-Situ	<0.050	<0.300	<10.0	16.5	16.5	<10.0	16.5	128
CS-105	12/15/2023	15	Excavated	<0.050	<0.300	<10.0	32.4	32.4	<10.0	32.4	3,040
CS 105 @ 29'	10/16/2024	29	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
CS-106	12/15/2023	5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-107	4/12/2024	5	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	52.7
CS-108	4/12/2024	3	Excavated	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	617
CS - 108 @ 2'	10/14/2024	2	In-Situ	<0.050	<0.300	<10.0	13.8	13.8	<10.0	13.8	272
CS-109	4/12/2024	9	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	196
CS-110	4/12/2024	5	In-Situ	<0.00200	<0.00400	<50.2	<50.2	<50.2	<50.2	<50.2	185
CS 111 @ 12'	10/14/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
CS 112 @ 13'	10/14/2024	13	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
CS 113 @ 12'	10/14/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
CS 114 @ 12'	10/14/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
CS 115 @ 12'	10/16/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
CS 116 @ 12'	10/16/2024	12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 1 @ 10'	8/26/2024	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
NW1	8/26/2024	0-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SW-1	12/15/2023	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-2	12/15/2023	1-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SW-3	12/15/2023	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-4	12/15/2023	1-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-5	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-6	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	13.4	13.4	<10.0	13.4	16.0
SW-7	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-8	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SW-9	12/15/2023	0-2	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,700
SW-9A	4/12/2024	0-5	In-Situ	<0.00200	<0.00400	<50.3	<50.3	<50.3	<50.3	<50.3	104
SW-10	12/15/2023	0-3	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,790
SW-11	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Outland 14-23 State 2BS 2H
NMOCD Ref. #: NAPP2328345879

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW-2	12/15/2023	1-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SW-3	12/15/2023	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-4	12/15/2023	1-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-5	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-6	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	13.4	13.4	<10.0	13.4	16.0
SW-7	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-8	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SW-9	12/15/2023	0-2	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,700
SW-9A	4/12/2024	0-5	In-Situ	<0.00200	<0.00400	<50.3	<50.3	<50.3	<50.3	<50.3	104
SW-10	12/15/2023	0-3	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,790
SW-11	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-12	12/15/2023	0-3	Excavated	<0.050	<0.300	<10.0	308	308	66.8	375	384
SW-12A	4/12/2024	0-6	Excavated	<0.00200	<0.00401	<50.1	239	239	<50.1	239	7,590
SW-13	12/15/2023	6-9	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
SW-13A	4/12/2024	6-9	Excavated	<0.00201	<0.00402	<50.4	<50.4	<50.4	<50.4	<50.4	2,890
SW-13B	10/16/2024	6-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SW-14	12/15/2023	6-9	Excavated	<0.050	<0.300	<10.0	35.8	35.8	<10.0	35.8	1,280
SW-14A	4/12/2024	9-12	Excavated	<0.00202	<0.00403	<50.5	<50.5	<50.5	<50.5	<50.5	1,340
SW-14B	10/16/2024	9-12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW-15	12/15/2023	3-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-16	12/15/2023	3-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-17	12/15/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-18	12/15/2023	3-4	Excavated	<0.050	<0.300	<10.0	153	153	38.1	191	656
SW-18A	4/12/2024	3-4	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	242
SW-19	12/15/2023	0-4	In-Situ	<0.050	<0.300	<10.0	12.7	12.7	<10.0	12.7	448
SW-20	12/15/2023	0-4	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-21	12/15/2023	2-5	Excavated	<0.050	<0.300	<10.0	169	169	25.3	194	1,360
SW-22	12/15/2023	0-5	Excavated	<0.050	<0.300	<10.0	112	112	18.9	131	13,000
SW-23	12/15/2023	0-5	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,960
SW-23A	4/12/2024	0-5	In-Situ	<0.903	<1.80	<49.9	<49.9	<49.9	<49.9	<49.9	135
SW-24	12/15/2023	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SW-25	12/15/2023	3-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-26	12/15/2023	5-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-27	12/15/2023	3-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-28	12/15/2023	0-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-29	12/15/2023	0-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-30	12/15/2023	0-6	Excavated	<0.050	<0.300	<10.0	167	167	11.6	179	208
SW-30A	4/12/2024	0-9	In-Situ	<0.909	<1.82	<50.1	<50.1	<50.1	<50.1	<50.1	195
SW-31	12/15/2023	0-9	Excavated	<0.050	<0.300	<10.0	239	239	<10.0	239	240
SW-31A	4/12/2024	0-9	In-Situ	<0.909	<1.82	<50.4	<50.4	<50.4	<50.4	<50.4	486
SW-32	12/15/2023	0-6	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Permian Resources
Outland 14-23 State 2BS 2H
NMOCD Ref. #: NAPP2328345879

NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW-32A	4/12/2024	0-6	Excavated	<0.902	<1.80	<50.5	75.8	75.8	<50.5	75.8	3,590
SW - 32 B	10/14/2024	0-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
SW-33	12/15/2023	0-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-34	12/15/2023	0-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
SW-35	12/15/2023	3-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-36	12/15/2023	0-3	Excavated	<0.050	<0.300	<10.0	1,260	1,260	<10.0	1,260	304
SW-36A	4/12/2024	0-3	Excavated	<0.905	<1.81	<49.8	281	281	<49.8	281	772
SW 36 B	8/28/2024	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW-37	12/15/2023	0-3	Excavated	<0.050	<0.300	<10.0	114	114	<10.0	114	288
SW-37A	4/12/2024	0-3	Excavated	<0.913	<1.83	<50.0	513	513	<50.0	513	118
SW 37 B	8/28/2024	0-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
SW-38	12/15/2023	0-3	Excavated	<0.050	<0.300	<10.0	291	291	<10.0	291	272
SW-38A	4/12/2024	0-3	Excavated	<0.916	<1.83	<49.9	<49.9	<49.9	<49.9	<49.9	1,020
SW 38 E	8/26/2024	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
SW-39	12/15/2023	0-3	Excavated	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,150
SW-39A	4/12/2024	0-5	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	255
SW-40	12/15/2023	0-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-41	12/15/2023	0-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-42	12/15/2023	3-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-43	12/15/2023	0-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-44	12/15/2023	0-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-45	12/15/2023	0-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-46	12/15/2023	0-5	Excavated	<0.050	<0.300	<10.0	81.1	81.1	21.0	102	480
SW-47	4/12/2024	0-10	Excavated	<0.00200	<0.00401	<50.1	96.4	96.4	<50.1	96.4	712
SW 47 B	8/26/2024	0-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SW-48	4/12/2024	3-4	In-Situ	<0.00201	<0.00402	<50.4	<50.4	<50.4	<50.4	<50.4	576
SW-49	4/12/2024	3-4	In-Situ	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	217
SW-50	4/12/2024	3-5	In-Situ	<0.00200	<0.00399	<49.8	84.1	84.1	<49.8	84.1	293
SW-51	4/12/2024	5-9	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	5,760
SW-52	4/12/2024	5-6	Excavated	<0.907	<1.81	<50.0	408	408	<50.0	408	20,400
SW 52 A	8/27/2024	5-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SW-53	4/12/2024	0-5	Excavated	<0.902	<1.80	<50.1	137	137	<50.1	137	3,660
SW-54	4/12/2024	3-6	Excavated	<0.909	<1.82	<50.4	58.6	58.6	<50.4	58.6	13,300
SW-54B	10/16/2024	3-6	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SW-55	4/12/2024	3-5	Excavated	<0.909	<1.82	<50.4	<50.4	<50.4	<50.4	<50.4	2,370
SW-55B	10/16/2024	3-5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
SW-56	4/12/2024	3-9	In-Situ	<0.902	<1.80	<50.3	<50.3	<50.3	<50.3	<50.3	65.9
SW-57	4/12/2024	9-10	In-Situ	<0.905	<1.81	<49.7	<49.7	<49.7	<49.7	<49.7	405
SW-58	4/12/2024	4-10	In-Situ	<0.913	<1.83	<49.6	<49.6	<49.6	<49.6	<49.6	51.4
SW-59	4/12/2024	10-12	In-Situ	<0.916	<1.83	<50.0	<50.0	<50.0	<50.0	<50.0	388
SW-60	4/12/2024	9-10	Excavated	<0.900	<1.80	<50.4	243	243	<50.4	243	1,010

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Table 1 Concentrations of BTEX, TPH, and Chloride in Soil Permian Resources Outland 14-23 State 2BS 2H NMOCD Ref. #: NAPP2328345879											
NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	10,000
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
SW-61	4/12/2024	0-10	Excavated	<0.00200	<0.00399	<49.6	101	101	<49.6	101	570
SW 61 B	8/29/2024	0-10	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-62	4/12/2024	6-9	Excavated	<0.00202	<0.00403	<50.2	60.0	60.0	<50.2	60.0	3,440
SW-62B	10/16/2024	6-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
SW-63	4/12/2024	3-9	Excavated	<0.00200	<0.00401	<49.7	65.5	65.5	<49.7	65.5	2,440
SW-63B	10/16/2024	3-9	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
SW-64	4/12/2024	5-6	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	42.0
SW-65	4/12/2024	5-6	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	139
Merchant Outland Pit	9/4/2024	N/A	Backfill	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0

Dash (-): Sample not analyzed for that constituent.

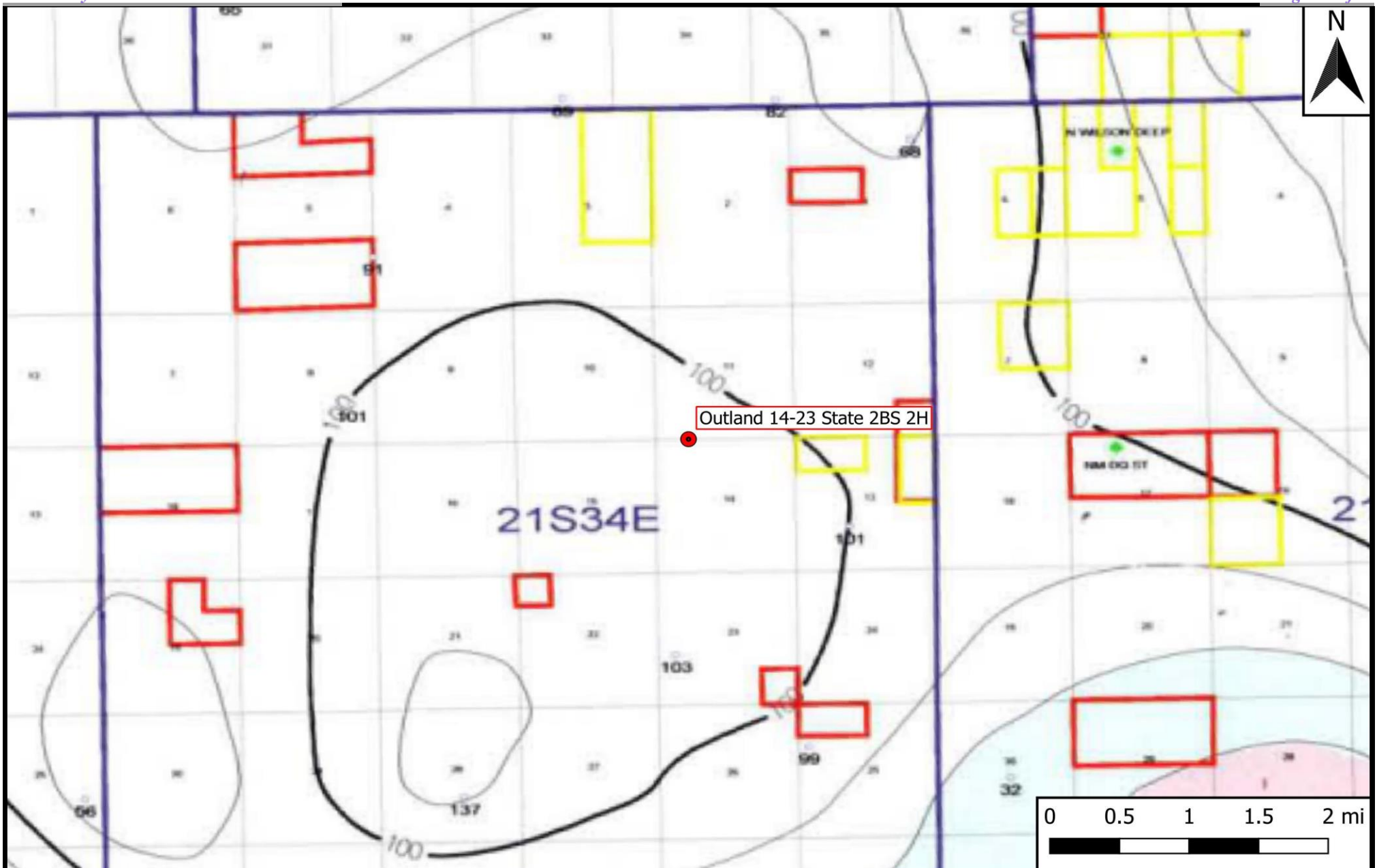
Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red Border with Shading: Highest observed concentration.

Appendix A

Depth to Groundwater and NMOCD Siting Information



Legend

- Site Location

Figure 4
 Inferred Depth to Groundwater Trend Map
 Permian Resources
 Outland 14-23 State 2BS 2H
 GPS: 32.486037, -103.445132
 Lea County

eTECH
 Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 6/21/24



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	WellDepth	Average Depth to Water	Water Column
CP 01848 POD2		CP	LE	4	3	1	13	21S	34E	647587	3594789	1604	96	80	16
CP 01848 POD3		CP	LE	2	4	1	13	21S	34E	647904	3594858	1883	87	70	17
CP 00089	O	CP	LE		2	1	13	21S	34E	647840	3594615	1905	235		
CP 01366 POD1		CP	LE	4	4	1	16	21S	34E	643196	3594698	2974	180	110	70
CP 01671 POD1		CP	LE	2	4	1	16	21S	34E	643108	3594887	3024	157		
CP 01364 POD1		CP	LE	4	2	3	16	21S	34E	643147	3594331	3126	165	105	60
CP 00590 POD1		CP	LE				01	21S	34E	648099	3597829*	3168	79		

Average Depth to Water: **91 feet**
 Minimum Depth: **70 feet**
 Maximum Depth: **110 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 646093.22 **Northing (Y):** 3595376.14 **Radius:** 3220

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/21/24 10:24 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00089	2	1	13	21S	34E		647840	3594615

Driller License:	Driller Company:	
Driller Name: BUCK THERIAE		
Drill Start Date: 08/28/1943	Drill Finish Date:	Plug Date:
Log File Date:	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 7.00	Depth Well: 235 feet	Depth Water:

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/21/24 10:24 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)		
Well Tag	POD Number	(quarters are smallest to largest)	Q64 Q16 Q4	Sec	Tws	Rng	X	Y
	CP 00590 POD1			01	21S	34E	648099	3597829*

Driller License: 122	Driller Company: UNKNOWN	
Driller Name:		
Drill Start Date:	Drill Finish Date:	Plug Date:
Log File Date:	PCW Rcv Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield: 3 GPM
Casing Size: 6.63	Depth Well: 79 feet	Depth Water:

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/21/24 10:24 AM

POINT OF DIVERSION SUMMARY

Revised December 1975

IMPORTANT — READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

Declaration of Owner of Underground Water Right

80227
19

CAPITAN BASIN

BASIN NAME

Declaration No. CP-590

Date received April 17, 1979

79 APR 20 PM 3 00

STATEMENT

1. Name of Declarant THE MERCHANT LIVESTOCK COMPANY
Mailing Address P.O. Box 548 Carlsbad STATE ENGINEER OFFICE
County of Eddy, State of New Mexico SANTA FE, N.M. 87501

2. Source of water supply shallow
(artesian or shallow water aquifer)

3. Describe well location under one of the following subheadings:
a. $\frac{1}{4}$ Lot 16 $\frac{1}{4}$ of Sec. 1 Twp. 21 S Rge. 34 E N.M.P.M., in Lea County.
b. Tract No. _____ of Map No. _____ of the _____
c. X = _____ feet, Y = _____ feet, N. M. Coordinate System _____ Zone _____
in the _____ Grant.
On land owned by _____

4. Description of well: date drilled 1911 driller _____ depth 79' feet.
outside diameter of casing 6 5/8 inches; original capacity _____ gal. per min.; present capacity 3 gal. per min.; pumping lift _____ feet; static water level 70 feet (above) (below) land surface;
make and type of pump _____
make, type, horsepower, etc., of power plant _____
Fractional or percentage interest claimed in well _____

5. Quantity of water appropriated and beneficially used up to 3
~~(acre feet per annum)~~ (acre feet per annum)
for stock water purposes.

6. Acreage actually irrigated _____ acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner
				<u>stock only</u>	<u>The Merchant Livestock Co.</u>

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use 1911 month _____ day _____ year _____ since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: _____

STATE ENGINEER OFFICE
OSWELL, N.M.
79 APR 17 AM 8 04

8. Additional statements or explanations name of well - Jeff Davis

I, J. D. Merchant, Jr., President being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the terms contained therein and that the same are true to the best of my knowledge and belief.

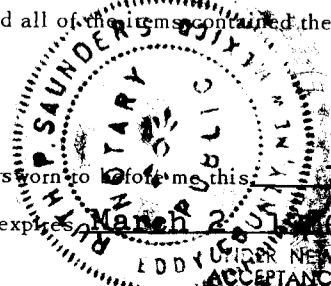
546608

THE MERCHANT LIVESTOCK CO., declarant.

by: J. D. Merchant, Jr., President
day of April, A.D. 19 79

Subscribed and sworn to before me this 12th

My commission expires March 2, 1980 Paul Saunders Notary Public



UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM. ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) _____, Township _____, Range _____ N. M. P. M.

INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 2½ acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

April 17, 1979

Files: CP-584; CP-585; CP-586; CP-587; CP-588;
CP-589; CP-590; CP-591; CP-592; CP-593;
CP-594; CP-595; CP-596; CP-597; CP-598;
CP-599; CP-600; CP-601; CP-602

The Merchant Livestock Company
P. O. Box 548
Carlsbad, NM 88220

Gentlemen:

Enclosed are your copies of Declarations of Owner of Underground Water Right as numbered above, which have been filed for record in the office of the State Engineer.

Please refer to each individual number in all future correspondence concerning these declarations.

The filing of these declarations does not indicate affirmation or rejection of the statements contained therein.

Yours very truly,

J. C. Groseclose
Basin Supervisor

JCG/eh
encls.
cc: Santa Fe



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01364 POD1	4	2	3	16	21S	34E	643147	3594331

Driller License: 421	Driller Company: GLENN'S WATER WELL SERVICE	
Driller Name: CORKY GLENN		
Drill Start Date: 06/24/2015	Drill Finish Date: 06/24/2015	Plug Date:
Log File Date: 06/26/2015	PCW Rcv Date: 04/27/2017	Source: Shallow
Pump Type: SUBMER	Pipe Discharge Size: 3	Estimated Yield: 35 GPM
Casing Size: 8.63	Depth Well: 165 feet	Depth Water: 105 feet

Water Bearing Stratifications:	Top	Bottom	Description
	105	153	Sandstone/Gravel/Conglomerate

Meter Number: 18280	Meter Make: SEAMETRICS
Meter Serial Number: 05 212 614	Meter Multiplier: 1.0000
Number of Dials: 8	Meter Type: Diversion
Unit of Measure: Barrels 42 gal.	Return Flow Percent:
Usage Multiplier:	Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
06/26/2015	2015	0	A	ap		0
07/27/2015	2015	49879	A	ap		64.291
08/21/2015	2015	50233	A	ap		0.456
09/30/2015	2015	50233	A	ap		0
10/31/2015	2015	50233	A	ap		0
11/30/2015	2015	52676	A	ap		3.149
04/28/2016	2016	97694	A	ap		58.025
06/30/2016	2016	131190	A	ap		43.174
07/27/2016	2016	155986	A	ap		31.960
09/01/2016	2016	161887	A	ap		7.606
09/28/2016	2016	174036	A	ap		15.659
10/31/2016	2016	180596	A	ap		8.455
11/29/2016	2016	200991	A	ap		26.288
12/31/2016	2016	200991	A	ap		0
02/01/2017	2017	200991	A	ap		0
03/01/2017	2017	200991	A	ap		0
03/31/2017	2017	200991	A	ap		0
05/01/2017	2017	200991	A	ap		0
05/31/2017	2017	200991	A	ap		0
07/31/2017	2017	239371	A	ap		49.469
10/31/2017	2017	284859	A	ap		58.631
11/30/2017	2017	307429	A	ap		29.091

12/30/2017	2017	465973	A	ap	204.353
01/30/2018	2018	490805	A	ap	32.007
02/28/2018	2018	503452	A	ap	16.301
03/30/2018	2018	519955	A	ap	21.271
04/30/2018	2018	539357	A	ap	25.008
06/01/2018	2018	573740	A	ap	44.317
06/29/2018	2018	603789	A	ap	38.731
07/31/2018	2018	603864	A	ap	0.097
08/30/2018	2018	636674	A	ap	42.290
09/30/2018	2018	664748	A	ap	36.185
11/30/2018	2018	688316	A	ap	30.378
01/02/2019	2018	700034	A	ca	1.510
02/01/2019	2019	700230	A	RPT	0.025
08/01/2019	2019	781145	A	RPT	10.429
09/01/2019	2019	781188	A	RPT	0.006
09/30/2019	2019	795696	A	RPT	1.870
10/31/2019	2019	829344	A	RPT	4.337
11/30/2019	2019	854139	A	RPT	3.196
12/31/2019	2019	868898	A	RPT	1.902
02/01/2020	2020	892649	A	RPT	3.061
03/01/2020	2020	909531	A	RPT	2.176
04/01/2020	2020	924970	A	RPT	1.990
05/01/2020	2020	924970	A	RPT	0
06/01/2020	2020	924970	A	RPT	0
08/01/2020	2020	936094	A	RPT	1.434
09/01/2020	2020	942895	A	RPT	0.877
10/01/2020	2020	942895	A	RPT	0
10/31/2020	2020	943082	A	WEB	0.024 X
11/30/2020	2020	943082	A	WEB	0 X
12/31/2020	2020	994754	A	WEB	6.660 X
01/30/2021	2021	996172	A	ad	0.183
02/28/2021	2021	1017693	A	ad	2.774
03/31/2021	2021	1026468	A	ad	1.131
04/30/2021	2021	1028037	A	ad	0.202
05/31/2021	2021	1060431	A	ad	4.175
06/30/2021	2021	1123906	A	ad	8.182
07/31/2021	2021	1123906	A	ad	0
08/31/2021	2021	16462	A	ad	0
08/31/2021	2021	1143586	A	ad	2.537
09/30/2021	2021	30978	A	ad	1.871
10/31/2021	2021	30979	A	ad	0
11/30/2021	2021	30979	A	ad	0
12/31/2021	2021	30979	A	ad	0
01/31/2022	2022	30979	A	ad	0
02/28/2022	2022	32692	A	ad	0.221
03/31/2022	2022	60131	A	ad	3.537
04/30/2022	2022	77450	A	ad	2.232
06/01/2022	2022	132325	A	ad	7.073
07/01/2022	2022	149721	A	ad	2.242

08/01/2022	2022	149721	A	ad	0
09/01/2022	2022	149721	A	ad	0
11/01/2022	2022	278838	A	WEB	16.642 X
12/01/2022	2022	292073	A	WEB	1.706 X
01/01/2023	2022	317352	A	WEB	3.258 X
02/01/2023	2023	317353	A	WEB	0 X
03/01/2023	2023	339287	A	WEB	2.827 X
04/01/2023	2023	339287	A	WEB	0 X
05/01/2023	2023	381819	A	WEB	5.482 X
06/01/2023	2023	430440	A	WEB	6.267 X
07/01/2023	2023	436246	A	WEB	0.748 X
08/01/2023	2023	449633	A	WEB	1.725 X
09/01/2023	2023	484855	A	WEB	4.540 X
10/01/2023	2023	484855	A	WEB	0 X
11/01/2023	2023	531043	A	WEB	5.953 X
12/01/2023	2023	531043	A	WEB	0 X
01/01/2024	2023	543751	A	WEB	1.638 X
02/01/2024	2024	543751	A	WEB	0 X
03/01/2024	2024	543751	A	WEB	0 X
04/01/2024	2024	543751	A	WEB	0 X
05/01/2024	2024	543751	A	WEB	0 X
06/07/2024	2024	543751	A	WEB	0 X

**YTD Meter Amounts:		
Year	Amount	
2015	67.896	
2016	191.167	
2017	341.544	
2018	288.095	
2019	21.765	
2020	16.222	
2021	21.055	
2022	36.911	
2023	29.180	
2024	0	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/21/24 10:24 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 01366 POD1	4	4	1	16	21S	34E	643196	3594698

Driller License: 421	Driller Company: GLENN'S WATER WELL SERVICE	
Driller Name: CORKY GLEN		
Drill Start Date: 06/19/2015	Drill Finish Date: 06/19/2015	Plug Date:
Log File Date: 06/26/2015	PCW Rcv Date: 04/27/2017	Source: Shallow
Pump Type: SUBMER	Pipe Discharge Size: 3	Estimated Yield: 35 GPM
Casing Size: 8.63	Depth Well: 180 feet	Depth Water: 110 feet

Water Bearing Stratifications:	Top	Bottom	Description
	110	160	Sandstone/Gravel/Conglomerate

Meter Number: 18281	Meter Make: SEAMETRICS
Meter Serial Number: 05 212 606	Meter Multiplier: 1.0000
Number of Dials: 8	Meter Type: Diversion
Unit of Measure: Barrels 42 gal.	Return Flow Percent:
Usage Multiplier:	Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
07/01/2015	2015	0	A	ap		0
07/27/2015	2015	26985	A	ap		34.782
08/31/2015	2015	26985	A	ap		0
09/30/2015	2015	26985	A	ap		0
10/31/2015	2015	26985	A	ap		0
11/30/2015	2015	29343	A	ap		3.039
04/28/2016	2016	70297	A	ap		52.787
06/30/2016	2016	101474	A	ap		40.185
06/30/2016	2016	0	A	ap	new meter on old base	0
07/27/2016	2016	22719	A	ap		292.833
09/01/2016	2016	27505	A	ap		61.688
09/28/2016	2016	40240	A	ap		164.146
11/29/2016	2016	46546	A	ap		81.280
11/29/2016	2016	64235	A	ap		227.999
12/31/2016	2016	64235	A	ap		0
02/01/2017	2017	64235	A	ap		0
03/01/2017	2017	64235	A	ap		0
03/31/2017	2017	64235	A	ap		0
05/01/2017	2017	64235	A	ap		0
05/31/2017	2017	64235	A	ap		0
07/31/2017	2017	99062	A	ap		448.897
10/31/2017	2017	147627	A	ap		625.970

11/30/2017	2017	165441	A	ap	229.610
12/30/2017	2017	197744	A	ap	416.364
01/30/2018	2018	215118	A	ap	223.939
02/28/2018	2018	226825	A	ap	150.895
03/30/2018	2018	242179	A	ap	197.903
04/30/2018	2018	259935	A	ap	228.863
06/01/2018	2018	291863	A	ap	411.530
06/29/2018	2018	320334	A	ap	366.972
07/31/2018	2018	320335	A	ap	0.013
08/30/2018	2018	349558	A	ap	376.665
09/30/2018	2018	372983	A	ap	301.932
11/30/2018	2018	393314	A	ap	262.053
01/02/2019	2018	415950	A	RPT	2.918
02/01/2019	2019	446864	A	RPT	3.985
08/01/2019	2019	519535	A	RPT	9.367
09/30/2019	2019	532181	A	RPT	1.630
10/31/2019	2019	558235	A	RPT	3.358
11/30/2019	2019	581962	A	RPT	3.058
12/31/2019	2019	595185	A	RPT	1.704
02/01/2020	2020	605584	A	RPT	1.340
03/01/2020	2020	618205	A	RPT	1.627
06/01/2020	2020	630926	A	RPT	1.640
08/01/2020	2020	643456	A	RPT	1.615
09/01/2020	2020	650901	A	RPT	0.960
10/01/2020	2020	650901	A	RPT	0
10/31/2020	2020	652012	A	WEB	0.143 X
11/30/2020	2020	652012	A	WEB	0 X
12/31/2020	2020	709950	A	WEB	7.468 X
01/31/2021	2021	709950	A	ad	0
02/28/2021	2021	720466	A	ad	1.355
03/31/2021	2021	738323	A	ad	2.302
04/30/2021	2021	745950	A	ad	0.983
05/31/2021	2021	762080	A	ad	2.079
06/30/2021	2021	778150	A	ad	2.071
07/31/2021	2021	778151	A	ad	0
08/31/2021	2021	796719	A	ad	0
08/31/2021	2021	15007	A	ad	0
09/30/2021	2021	20289	A	ad	0.681
10/31/2021	2021	52851	A	ad	4.197
11/30/2021	2021	52851	A	ad	0
12/31/2021	2021	58527	A	ad	0.732
01/31/2022	2022	58527	A	ad	0
02/28/2022	2022	58527	A	ad	0
03/22/2022	2022	58538	A	ad	0.001
04/30/2022	2022	75228	A	ad	2.151
06/01/2022	2022	126413	A	ad	6.597
07/01/2022	2022	142302	A	ad	2.048
08/01/2022	2022	142302	A	ad	0
09/01/2022	2022	142302	A	ad	0

11/01/2022	2022	259985	A	WEB	15.169 X
12/01/2022	2022	272049	A	WEB	1.555 X
01/01/2023	2022	295089	A	WEB	2.970 X
02/01/2023	2023	295089	A	WEB	0 X
03/01/2023	2023	314761	A	WEB	2.536 X
04/01/2023	2023	314761	A	WEB	0 X
05/01/2023	2023	353069	A	WEB	4.938 X
06/01/2023	2023	396775	A	WEB	5.633 X
07/01/2023	2023	402013	A	WEB	0.675 X
08/01/2023	2023	412371	A	WEB	1.335 X
09/01/2023	2023	444260	A	WEB	4.110 X
10/01/2023	2023	444260	A	WEB	0 X
11/01/2023	2023	486606	A	WEB	5.458 X
12/01/2023	2023	486606	A	WEB	0 X
01/01/2024	2023	542948	A	WEB	7.262 X
02/01/2024	2024	550626	A	WEB	0.990 X
03/01/2024	2024	583016	A	WEB	4.175 X
04/01/2024	2024	607344	A	WEB	3.136 X
05/01/2024	2024	627225	A	WEB	2.563 X
06/07/2024	2024	650160	A	WEB	2.956 X

^x **YTD Meter Amounts:		
Year	Amount	
2015	37.821	
2016	920.918	
2017	1720.841	
2018	2523.683	
2019	23.102	
2020	14.793	
2021	14.400	
2022	30.491	
2023	31.947	
2024	13.820	

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6/21/24 10:24 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
205F4	CP 01671 POD1	2	4	1	16	21S	34E	643108	3594887

Driller License: 1731 **Driller Company:** HARRISON & COOPER, INC DBA: HCI DRILLING

Driller Name: COOPER, KENNY

Drill Start Date: 10/05/2017 **Drill Finish Date:** 10/05/2017 **Plug Date:**

Log File Date: 10/31/2017 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 5.00 **Depth Well:** 157 feet **Depth Water:**

	Casing Perforations:	Top	Bottom
		117	157

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/21/24 10:24 AM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER'S OFFICE
SANTA FE, NEW MEXICO
2017 OCT 10 PM 3:16

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1; WW-1		WELL TAG ID NO.		OSE FILE NO(S). CP-1671			
	WELL OWNER NAME(S) The Merchand Livestock Co., Inc.				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS P.O. Box 1105				CITY Eunice	STATE NM	ZIP 88231	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 28	SECONDS 55.2606	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE -103	28	37.07	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1731		NAME OF LICENSED DRILLER Kenny Cooper			NAME OF WELL DRILLING COMPANY Harrison & Cooper, Inc. (DBA HCI Drilling)		
	DRILLING STARTED 10/05/2017	DRILLING ENDED 10/05/2017	DEPTH OF COMPLETED WELL (FT) 157	BORE HOLE DEPTH (FT) 157	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 114.9'			
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	117	9 7/8	Riser	Bell End	5	Sch 40	
	117	157	9 7/8	Screen	Bell End	5	Sch 40	0.035
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	97	9 7/8	Bentonite Grout	1	Poured		
	97	157	9 7/8	Sand - 8/16	1	Poured		

STATE ENGINEER'S OFFICE
SANTA FE, NEW MEXICO
2017 NOV - 6 PM 12:38

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO.	CP-1671	POD NO.	1	TRN NO.	610479
LOCATION	Dom STR	WELL TAG ID NO.	2B.34E.16.142	205F4	PAGE 1 OF 2

STATE ENGINEER'S OFFICE

2017 OCT 16

2017 NOV -6 PM 12:39

STATE ENGINEER'S OFFICE
KOSMILL, NEW BRUNSWICK, NJ

DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO		Y	N	
0	100	100	Tan/Red Sand	Y	N	
100	117	17	Sand and Gravel	Y	N	
117	156	39	Red Sandy Clay	Y	N	
156	157	1	Red Clay	Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:
 PUMP AIR LIFT BAILER OTHER - SPECIFY: _____

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION


WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Top of Water: 114.9'
Pumping 30 GPM at 124.3'

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

 Kenny Cooper 10/06/2017

SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO. CP-1671	POD NO. 1	TRN NO. 610479	PAGE 2 OF 2
LOCATION Dom/STK	215.34E.16.142	WELL TAG ID NO. 205FL	



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01848 POD2	4	3	1	13	21S	34E	647587	3594789

Driller License: 1249	Driller Company: ATKINS ENGINEERING ASSOC. INC.	
Driller Name: JACKIE ATKINS		
Drill Start Date: 06/01/2021	Drill Finish Date: 06/02/2021	Plug Date:
Log File Date: 07/01/2021	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 2.00	Depth Well: 96 feet	Depth Water: 80 feet

Water Bearing Stratifications:	Top	Bottom	Description
	81	96	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	0	96

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/21/24 10:24 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)				
Well Tag	POD Number	(quarters are smallest to largest)	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01848 POD3		2	4	1	13	21S	34E	647904	3594858

Driller License: 1249	Driller Company: ATKINS ENGINEERING ASSOC. INC.	
Driller Name: ATKINS, JACKIE D.UELENER		
Drill Start Date: 08/19/2021	Drill Finish Date: 08/19/2021	Plug Date:
Log File Date: 09/13/2021	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 2.00	Depth Well: 87 feet	Depth Water: 70 feet

Water Bearing Stratifications:	Top	Bottom	Description
	65	87	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	67	87

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/21/24 10:24 AM

POINT OF DIVERSION SUMMARY



Legend	
●	Site Location
○	Well - USGS
	500 Ft Radius
	1000 Ft Radius
	0.5 Mi Radius

Figure 5
 USGS Well Proximity Map
 Permian Resources
 Outland 14-23 State 2BS 2H
 GPS: 32.486037, -103.445132
 Lea County



eTECH
Environmental & Safety Solutions, Inc.



Drafted: mag Checked: jwl Date: 6/21/24



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

[Click for News Bulletins](#)

[Groundwater levels for the Nation](#)

! Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322824103253301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322824103253301 21S.34E.13.32413

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°28'24", Longitude 103°25'33" NAD27

Land-surface elevation 3,650 feet above NAVD88

The depth of the well is 335 feet below land surface.

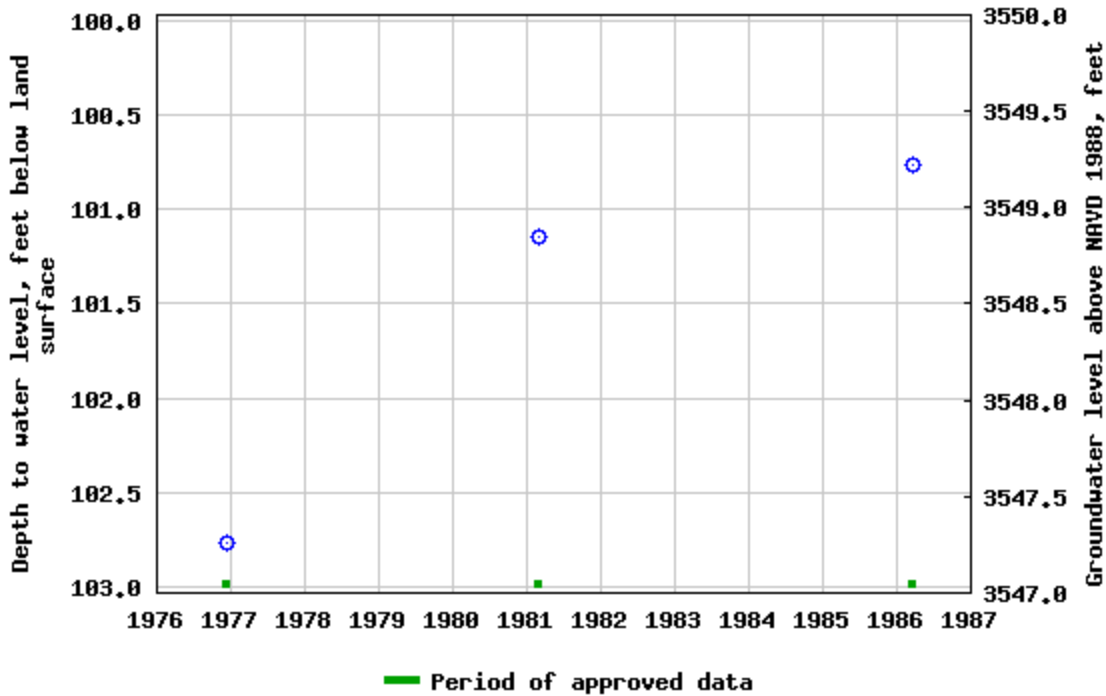
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

USGS 322824103253301 21S,34E,13,32413



Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-06-21 12:21:10 EDT

0.55 0.47 nadww02

Appendix B

Field Data and Soil Profile Logs



Sample Log

Date: 8-22-24

Project: Outland 14-23 State 2BS 2H

Project Number: 20751 Latitude: 32.486037 Longitude: -103.445132

Sample ID	PID/Odor	Chloride Conc.	GPS
SW-47	-	1256 CS-8a B @ 7'	- 5640
SW-47A #1	-	1088 CS-8a B @ 8'	- 2384
SW-47B	-	188 SW-1	- 6092
SW-38A #1	-	1768 CS-8a B @ 9'	- 1276
SW-38B	-	872 SW-1	- 2584
SW-38B #2	-	872 CS-43-B @ 10'	- 352
SW-38B #3	-	872 CS-47B @ 7'	- 252
SW-38B #4	-	804 CS-8a B @ 10'	- 436
SW-38C	-	804 SW-52A	- 352
SW-38C #1	-	804 CS-79B @ 11'	- 480
SW-38C #2	-	872 SW-37B	- 392
SW-38C #3	-	804 SW-36B	- 1800
SW-38C #4	-	1440 SW-36B	- 1276
SW-1	-	872 SW-36B	- 816
NW-1	-	2544 SW-61A	- 1680
FL-1 @ 8'	-	1256 SW-36B	- 436
FL-1 @ 9'	-	1168 SW-61A	- 692
FL-1 @ 10'	-	624 SW-6' B	- 352
SW-38D	-	1168	-
NW-1	-	872	-
NW-1	-	684	-
NW-1	-	624	-
NW-1	-	684	-
NW-1	-	520	-
SW-38D #1	-	276	-
SW-38D #2	-	348	-
SW-38D #3	-	872	-
FL-1 @ 10'	-	472	-
SW-38D #4	-	804	-
SW-38D #5	-	1168	-
SW-38E	-	624	-
CS-61-B @ 6'	-	276	-
CS-8a B @ 6'	-	1256	-
SW-52A	-	2544	-
NW-2	-	352	-
SW-1	-	27,492	-

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples = SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



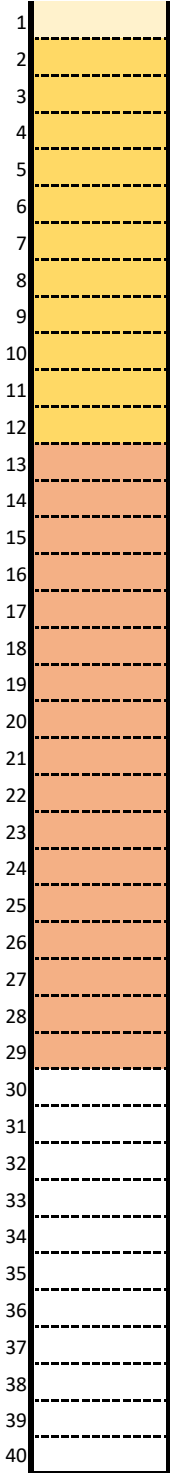
Soil Profile

Date: 10/18/2024

Project: Outland 14-23 State 2BS 2H

Project Number: 20751 Latitude: 32.486037 Longitude: -103.445132

Depth (ft. bgs)



Description

Imported Fill

Caliche/Hard Rock

Brownish Red Sandy Caliche

TD

Appendix F

Laboratory Analytical Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 06, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: OUTLAND

Enclosed are the results of analyses for samples received by the laboratory on 12/01/23 13:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 1 (1') (H236469-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	2.02	101	2.00	1.52	
Toluene*	<0.050	0.050	12/04/2023	ND	2.00	100	2.00	0.386	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.00	99.9	2.00	0.250	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	5.90	98.3	6.00	0.317	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48	
DRO >C10-C28*	25.5	10.0	12/04/2023	ND	213	107	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 2 (1') (H236469-02)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	2.02	101	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.00	100	2.00	0.386		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.00	99.9	2.00	0.250		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	5.90	98.3	6.00	0.317		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 3 (1') (H236469-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	2.02	101	2.00	1.52	
Toluene*	<0.050	0.050	12/04/2023	ND	2.00	100	2.00	0.386	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.00	99.9	2.00	0.250	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	5.90	98.3	6.00	0.317	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48	
DRO >C10-C28*	45.0	10.0	12/04/2023	ND	213	107	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 4 (3') (H236469-04)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 5 (3') (H236469-05)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 6 (3') (H236469-06)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 7 (3') (H236469-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 8 (3') (H236469-08)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 9 (3') (H236469-09)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 10 (3') (H236469-10)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 11 (3') (H236469-11)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	14.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 12 (3') (H236469-12)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 13 (3') (H236469-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52	
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	215	108	200	2.48	
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	213	107	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 14 (3') (H236469-14)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 15 (3') (H236469-15)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 16 (3') (H236469-16)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 17 (3') (H236469-17)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 18 (3') (H236469-18)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 19 (3') (H236469-19)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	36.8	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 20 (3') (H236469-20)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52		
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	191	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 21 (3') (H236469-21)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52	
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08	
DRO >C10-C28*	304	10.0	12/04/2023	ND	195	97.3	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 22 (3') (H236469-22)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52	
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08	
DRO >C10-C28*	21.1	10.0	12/04/2023	ND	195	97.3	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 23 (3') (H236469-23)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	1.99	99.7	2.00	1.52	
Toluene*	<0.050	0.050	12/04/2023	ND	2.09	104	2.00	1.33	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.10	105	2.00	2.15	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.30	105	6.00	2.64	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08	
DRO >C10-C28*	<10.0	10.0	12/04/2023	ND	195	97.3	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 24 (3') (H236469-24)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	2.23	112	2.00	12.2		
Toluene*	<0.050	0.050	12/04/2023	ND	2.20	110	2.00	12.7		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.16	108	2.00	12.7		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.86	114	6.00	10.5		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	19.8	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 25 (3') (H236469-25)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	2.23	112	2.00	12.2	
Toluene*	<0.050	0.050	12/04/2023	ND	2.20	110	2.00	12.7	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.16	108	2.00	12.7	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.86	114	6.00	10.5	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08	
DRO >C10-C28*	31.6	10.0	12/04/2023	ND	195	97.3	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 26 (3') (H236469-26)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/04/2023	ND	2.23	112	2.00	12.2		
Toluene*	<0.050	0.050	12/04/2023	ND	2.20	110	2.00	12.7		
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.16	108	2.00	12.7		
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.86	114	6.00	10.5		
Total BTEX	<0.300	0.300	12/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/04/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08		
DRO >C10-C28*	17.7	10.0	12/04/2023	ND	195	97.3	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND						

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 27 (3') (H236469-27)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	2.23	112	2.00	12.2	
Toluene*	<0.050	0.050	12/04/2023	ND	2.20	110	2.00	12.7	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.16	108	2.00	12.7	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.86	114	6.00	10.5	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08	
DRO >C10-C28*	10.3	10.0	12/04/2023	ND	195	97.3	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 28 (3') (H236469-28)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	2.23	112	2.00	12.2	
Toluene*	<0.050	0.050	12/04/2023	ND	2.20	110	2.00	12.7	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.16	108	2.00	12.7	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.86	114	6.00	10.5	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08	
DRO >C10-C28*	241	10.0	12/04/2023	ND	195	97.3	200	10.7	
EXT DRO >C28-C36	68.1	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/01/2023	Sampling Date:	12/01/2023
Reported:	12/06/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 29 (3') (H236469-29)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/04/2023	ND	2.23	112	2.00	12.2	
Toluene*	<0.050	0.050	12/04/2023	ND	2.20	110	2.00	12.7	
Ethylbenzene*	<0.050	0.050	12/04/2023	ND	2.16	108	2.00	12.7	
Total Xylenes*	<0.150	0.150	12/04/2023	ND	6.86	114	6.00	10.5	
Total BTEX	<0.300	0.300	12/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	12/04/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/04/2023	ND	187	93.6	200	9.08	
DRO >C10-C28*	26.4	10.0	12/04/2023	ND	195	97.3	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	12/04/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: NTPE P.O. #:
 Project Manager: Betsy Haskel Company:
 Address: 289 W McClary St Attn:
 City: Carlisle State: NM Zip: 88820 Address:
 Phone #: 936 924 8056 Fax #:
 Project #: 237863 Project Owner: Earthstone City:
 Project Name: Outlier State: Zip:
 Project Location: Los Comany Phone #:
 Sampler Name: Tyler Campbell Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>H336469</u>	<u>CS-1 (C)</u>	<input checked="" type="checkbox"/>	<u>1</u>			<input checked="" type="checkbox"/>				<u>12-1</u>	<u>9:00</u>	<u>TPH Chlorides BTEX</u>
	<u>CS-2 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-3 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-4 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-5 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-6 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-7 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-8 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-9 (C)</u>	<input checked="" type="checkbox"/>										
	<u>CS-10 (C)</u>	<input checked="" type="checkbox"/>										

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Relinquished By: _____ Date: 12-1-25 Received By: _____
 Relinquished By: _____ Date: 1:56 Received By: _____
 Delivered By: (Circle One) Observed Temp. °C 41 Sample Condition: Cool Intact Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C _____
 Checked By: (Initials) _____
 Turnaround Time: _____ Standard Rush
 Thermometer ID #140 Bacteria (only) Sample Condition: Cool Intact Yes No
 Correction Factor 0°C _____ Corrected Temp. °C _____
 Verbal Results: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____
 † Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: NTG
 Project Manager: Betsy Haskel
 Address: 209 W Midway St
 City: Carlisle State: NM Zip: 88220
 Phone #: 505-929-8056 Fax #: _____
 Project #: 237863 Project Owner: Earthshans
 Project Name: Outlook
 Project Location: Los County
 Sampler Name: Tyler Campbell
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	FOR LAB USE ONLY		DATE	TIME	REMARKS
		(G)RAB OR (C)OMP.	# CONTAINERS			
<u>H236469</u>	<u>CS-11 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>	<u>12-1</u>	<u>9:15</u>	<u>TPH Chlorides BTEX</u>
<u>11</u>	<u>CS-12 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>12</u>	<u>CS-13 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>13</u>	<u>CS-14 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>14</u>	<u>CS-15 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>15</u>	<u>CS-16 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>16</u>	<u>CS-17 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>17</u>	<u>CS-18 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>18</u>	<u>CS-19 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>19</u>	<u>CS-20 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			
<u>20</u>	<u>CS-20 (3)</u>	<input checked="" type="checkbox"/>	<u>1</u>			

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Relinquished By: _____
 Date: 12-1-25
 Time: 1:56
 Received By: _____
 Date: _____
 Time: _____

Relinquished By: _____
 Date: _____
 Time: _____
 Received By: _____
 Date: _____
 Time: _____

Observed Temp. °C: 4/1
 Corrected Temp. °C: _____

Sample Condition:
 Cool Intact
 Yes No

Checked By: _____ (Initials)

Turnaround Time: _____
 Standard Rush Add'l Phone #: _____

Bacteria (only) Sample Condition:
 Cool Intact
 Yes No

Corrected Temp. °C: _____

FORM 0001-3-07-11-25

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: NTG
 Project Manager: Brian Haskell
 Address: 209 W McLaugh St
 City: Carlisle State: NM Zip: 88820
 Phone #: 505-929-8056 Fax #: _____
 Project #: 237863 Project Owner: Earthstone
 Project Name: Outlier
 Project Location: Los County
 Sampler Name: Tyler Campbell
 P.O. #: _____ Company: _____
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:			
<u>H2364169</u>	<u>CS-21</u>	<input checked="" type="checkbox"/>	<u>3</u>			<input checked="" type="checkbox"/>					<u>12-1</u>	<u>9:30</u>	<u>TPH</u> <u>Chlorides</u> <u>BTEX</u>
	<u>CS-22</u>		<u>3</u>										
	<u>CS-23</u>		<u>3</u>										
	<u>CS-24</u>		<u>3</u>										
	<u>CS-25</u>		<u>3</u>										
	<u>CS-26</u>		<u>3</u>										
	<u>CS-27</u>		<u>3</u>										
	<u>CS-28</u>		<u>3</u>										
	<u>CS-29</u>		<u>3</u>										

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Relinquished By: _____
 Date: 12-1-25
 Time: 1:56
 Received By: _____
 Date: _____
 Time: _____

Delivered By: (Circle One) Observed Temp. °C 4.1
 Corrected Temp. °C _____
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Intact Cool Yes No
 Checked By: (Initials) AO
 Turnaround Time: _____ Standard _____ Rush _____
 Thermometer ID #140 Correction Factor °C _____
 Bacteria (only) Sample Condition: Intact Cool Yes No
 Observed Temp. °C _____ Corrected Temp. °C _____



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 07, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: OUTLAND

Enclosed are the results of analyses for samples received by the laboratory on 12/04/23 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 30 (4') (H236498-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	10.3	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 31 (4') (H236498-02)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85		
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254		
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160		
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303		
Total BTEX	<0.300	0.300	12/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	12/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01		
DRO >C10-C28*	11.4	10.0	12/05/2023	ND	216	108	200	0.791		
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 32 (6') (H236498-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 33 (6') (H236498-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	22.3	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 34 (6') (H236498-05)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85		
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254		
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160		
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303		
Total BTEX	<0.300	0.300	12/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	12/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01		
DRO >C10-C28*	770	10.0	12/05/2023	ND	216	108	200	0.791		
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 35 (9') (H236498-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	16.0	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 36 (9') (H236498-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 37 (9') (H236498-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 38 (9') (H236498-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	16.0	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 39 (9') (H236498-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 40 (9') (H236498-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	211	105	200	1.01	
DRO >C10-C28*	32.4	10.0	12/05/2023	ND	216	108	200	0.791	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 41 (9') (H236498-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	51.9	10.0	12/05/2023	ND	196	97.8	200	2.59	QM-07
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 42 (9') (H236498-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/07/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	181	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 43 (9') (H236498-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/07/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	135	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 44 (9') (H236498-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/07/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	<10.0	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 45 (9') (H236498-16)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85		
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254		
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160		
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303		
Total BTEX	<0.300	0.300	12/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	12/07/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89		
DRO >C10-C28*	<10.0	10.0	12/05/2023	ND	196	97.8	200	2.59		
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 46 (9') (H236498-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	1.93	96.5	2.00	1.85	
Toluene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	0.254	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.03	102	2.00	0.160	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.10	102	6.00	0.303	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/07/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	85.6	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 47 (9') (H236498-18)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	12/07/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89		
DRO >C10-C28*	102	10.0	12/05/2023	ND	196	97.8	200	2.59		
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 48 (9') (H236498-19)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	12/07/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	87.6	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	OUTLAND	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: CS - 49 (9') (H236498-20)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	12/07/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	170	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTCOE

Project Manager: Beverly Heskett

Address: 209 W McHenry

City: Carlsbad State: NM zip: 88220

Phone #: 436-929-8856 Fax #:

Project #: 237863 Project Owner: Earthstone

Project Name: Oxford

Project Location: Lea County

Sample Name: 410814.mpl all

FOR LAB USE ONLY

Lab I.D. H33478

Sample I.D.

- CS-30 (4')
- CS-31 (4')
- CS-32 (6')
- CS-33 (6')
- CS-34 (6')
- CS-35 (9')
- CS-36 (9')
- CS-37 (9')
- CS-38 (9')
- CS-39 (9')

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Relinquished By: [Signature]

Date: 12-9

Received By: [Signature]

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By: [Signature]

Date: 5-20

Received By: [Signature]

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C - 0.9°C

Sample Condition Cool Intact

CHECKED BY: (Initials)

Turnaround Time:

Standard Bacteria (only)

Sample Condition Cool Intact Observed Temp. °C Corrected Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Yes No

Thermometer ID #140 Correction Factor 0°C

Kush

Yes No

FORM 000-R-3-4-07/11/25

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: NTE
 Project Manager: Betsy Heske
 Address: 209 W McHenry
 City: Carlsbad State: NM Zip: 88220
 Phone #: 436929-8056 Fax #: _____
 Project #: 237863 Project Owner: Earthstone
 Project Name: Dartford
 Project Location: Lea County
 Sampler Name: 410844

P.O. #: _____
 Company: _____
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX								DATE TIME	ANALYSIS	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL			OTHER :
<u>H236498</u>														
	<u>11</u>	<u>CS-40 (9')</u>	<u>1</u>								<u>12-9-80</u>	<u>TpH</u>	<u>Chlorides</u>	<u>BTEX</u>
	<u>12</u>	<u>CS-41 (9')</u>	<u>1</u>											
	<u>13</u>	<u>CS-42 (9')</u>	<u>1</u>											
	<u>14</u>	<u>CS-43 (9')</u>	<u>1</u>											
	<u>15</u>	<u>CS-44 (9')</u>	<u>1</u>											
	<u>16</u>	<u>CS-45 (9')</u>	<u>1</u>											
	<u>17</u>	<u>CS-46 (9')</u>	<u>1</u>											
	<u>18</u>	<u>CS-47 (9')</u>	<u>1</u>											
	<u>19</u>	<u>CS-48 (9')</u>	<u>1</u>											
	<u>20</u>	<u>CS-49 (9')</u>	<u>1</u>											

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Relinquished By: [Signature] Date: 12-9 Received By: [Signature]
 Relinquished By: _____ Date: _____ Received By: _____
 Time: 3:00
 Date: _____ Time: _____
 Delivered By: (Circle One) Observed Temp. °C: -0.9°C
 Sampler - UPS - Bus - Other: Corrected Temp. °C: _____

Sample Condition: Cool Intact Yes No
 Checked By: [Signature]
 Turnaround Time: _____ Standard **Rush**
 Thermometer ID #140 Bacteria (only) Sample Condition: Cool Intact Yes No
 Correction Factor 0°C Corrected Temp. °C: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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December 21, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: OUTLAND 14-23 STATE UNIT 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 12/18/23 10:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 4 1-3 (H236708-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49		
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36		
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 5 0-3 (H236708-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 6 0-3 (H236708-03)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49		
DRO >C10-C28*	13.4	10.0	12/20/2023	ND	168	84.1	200	5.36		
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND						

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 7 0-3 (H236708-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 8 0-3 (H236708-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 9 0-2 (H236708-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10700	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 10 0-3 (H236708-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1790	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 11 0-3 (H236708-08)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 12 0-3 (H236708-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	308	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	66.8	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 13 6-9 (H236708-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 14 6-9 (H236708-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	35.8	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 15 3-6 (H236708-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 16 3-6 (H236708-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 65.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 17 0-3 (H236708-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 18 3-4 (H236708-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	153	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	38.1	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 19 0-4 (H236708-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	12.7	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 20 0-4 (H236708-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 21 0-3 (H236708-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1360	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12		
DRO >C10-C28*	169	10.0	12/19/2023	ND	201	101	200	3.24		
EXT DRO >C28-C36	25.3	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 22 0-5 (H236708-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13000	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	112	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	18.9	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 23 0-5 (H236708-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 24 0-5 (H236708-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 25 3-5 (H236708-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	3.12		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	201	101	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 26 5-9 (H236708-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	191	95.6	200	3.12		
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	201	101	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND						

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 27 3-9 (H236708-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 28 0-9 (H236708-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 29 0-9 (H236708-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 30 0-6 (H236708-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	167	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	11.6	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 31 0-9 (H236708-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	239	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 32 0-6 (H236708-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 33 0-9 (H236708-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 34 0-9 (H236708-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 35 3-9 (H236708-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98		
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 36 0-3 (H236708-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.09	105	2.00	2.98	
Toluene*	<0.050	0.050	12/19/2023	ND	2.13	106	2.00	3.69	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.12	106	2.00	3.79	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.28	105	6.00	3.74	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	1260	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 37 0-3 (H236708-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	114	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 38 0-3 (H236708-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/19/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	291	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 39 0-3 (H236708-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	12/19/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 40 0-9 (H236708-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 41 0-10 (H236708-38)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 42 3-10 (H236708-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 43 0-10 (H236708-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 44 0-10 (H236708-41)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33		
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	199	99.5	200	2.22		
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	189	94.4	200	0.430		
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND						

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 45 0-10 (H236708-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 46 0-5 (H236708-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/19/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	199	99.5	200	2.22	
DRO >C10-C28*	81.1	10.0	12/20/2023	ND	189	94.4	200	0.430	
EXT DRO >C28-C36	21.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H236708

Page 7 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Outland 14-23 State 2BS #2H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	237863	Due Date:	
Project Location:	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
PO #:		Thermometer ID:	140
SAMPLE RECEIPT		Correction Factor:	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-10.0°C
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Total Containers:	103		

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Pres. Code
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
SW-4	1-3	12/15/2023	11:00	X		Comp	1	X	X	X	
SW-5	0-3	12/15/2023	11:02	X		Comp	1	X	X	X	
SW-6	0-3	12/15/2023	11:04	X		Comp	1	X	X	X	
SW-7	0-3	12/15/2023	11:06	X		Comp	1	X	X	X	
SW-8	0-3	12/15/2023	11:08	X		Comp	1	X	X	X	
SW-9	0-2	12/15/2023	11:10	X		Comp	1	X	X	X	
SW-10	0-3	12/15/2023	11:12	X		Comp	1	X	X	X	
SW-11	0-3	12/15/2023	11:14	X		Comp	1	X	X	X	
SW-12	0-3	12/15/2023	11:16	X		Comp	1	X	X	X	
SW-13	6-9	12/15/2023	11:18	X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-15-23 1055			



Chain of Custody

Work Order No: A236708

Page 8 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> PRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Outland 14-23 State 2BS #2H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Press. Code	
Project Number:	237863	Due Date:			
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kenny Han	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
PO #:		Thermometer ID:	140		
SAMPLE RECEIPT		Correction Factor:			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-10.0°C		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A				
Total Containers:	103				

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
SW-14	6-9	12/15/2023	11:20	X		Comp	1	X	X	X	
SW-15	3-6	12/15/2023	11:22	X		Comp	1	X	X	X	
SW-16	3-6	12/15/2023	11:24	X		Comp	1	X	X	X	
SW-17	0-3	12/15/2023	11:26	X		Comp	1	X	X	X	
SW-18	3-4	12/15/2023	11:28	X		Comp	1	X	X	X	
SW-19	0-4	12/15/2023	11:30	X		Comp	1	X	X	X	
SW-20	0-4	12/15/2023	11:32	X		Comp	1	X	X	X	
SW-21	0-3	12/15/2023	11:34	X		Comp	1	X	X	X	
SW-22	0-5	12/15/2023	11:36	X		Comp	1	X	X	X	
SW-23	0-5	12/15/2023	11:38	X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-18-23 10:55			



Chain of Custody

Work Order No: 1236708

Page 9 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Pernian Resources
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Outland 14-23 State 2BS #2H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237863	Due Date:			
Project Location:	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kenny Han	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
PO #:		Thermometer ID:	140	Correction Factor:	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-10.02	Corrected Temperature:	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Parameters			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
Total Containers:	103				

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
SW-24	0-5	12/15/2023	11:40	X		Comp	1	X	None: NO DI Water: H ₂ O
SW-25	3-5	12/15/2023	11:42	X		Comp	1	X	Cool: Cool MeOH: Me
SW-26	5-9	12/15/2023	11:44	X		Comp	1	X	HCL: HC HNO ₃ : HN
SW-27	3-9	12/15/2023	11:46	X		Comp	1	X	H ₂ SO ₄ : H ₂ NaOH: Na
SW-28	0-9	12/15/2023	11:48	X		Comp	1	X	H ₃ PO ₄ : HP
SW-29	0-9	12/15/2023	11:50	X		Comp	1	X	NaHSO ₄ : NABIS
SW-30	0-6	12/15/2023	11:52	X		Comp	1	X	Na ₂ S ₂ O ₅ : NaSO ₃
SW-31	0-9	12/15/2023	11:54	X		Comp	1	X	Zn Acetate+NaOH: Zn
SW-32	0-6	12/15/2023	11:56	X		Comp	1	X	NaOH+Ascorbic Acid: SAPC
SW-33	0-9	12/15/2023	11:58	X		Comp	1	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12/15/23 1055			



Chain of Custody

Work Order No:

1236708

Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland, TX 79701
 Phone: 432-766-1918

Bill to: (if different)
 Company Name: Montgomery Floyd
 Address: Permian Resources
 City, State ZIP:

Turn Around
 Routine
 Rush

Due Date: _____

TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Wet Ice: Yes No
 Thermometer ID: 1410
 Correction Factor: _____
 Sample Custody Seals: Yes No N/A
 Total Containers: 103
 Corrected Temperature: _____

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

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST				Preservative Codes
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	
SW-34	0-9	12/15/2023	12:00	X		Comp	1	X	X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SW-35	3-9	12/15/2023	12:02	X		Comp	1	X	X	X		
SW-36	0-3	12/15/2023	12:04	X		Comp	1	X	X	X		
SW-37	0-3	12/15/2023	12:06	X		Comp	1	X	X	X		
SW-38	0-3	12/15/2023	12:08	X		Comp	1	X	X	X		
SW-39	0-3	12/15/2023	12:10	X		Comp	1	X	X	X		
SW-40	0-9	12/15/2023	12:12	X		Comp	1	X	X	X		
SW-41	0-10	12/15/2023	12:14	X		Comp	1	X	X	X		
SW-42	3-10	12/15/2023	12:16	X		Comp	1	X	X	X		
SW-43	0-10	12/15/2023	12:18	X		Comp	1	X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-18-23 1055			



Chain of Custody

Work Order No: 11836208

Page 11 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Outland 14-23 State 2BS #2H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237863	Due Date:			
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kenny Han	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
PO #:		Thermometer ID:	140		
SAMPLE RECEIPT		Correction Factor:			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-10.0 °C		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A				
Total Containers:	103				

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
SW-44	0-10	12/15/2023	12:20	X		Comp	1	X	X	X	
SW-45	0-10	12/15/2023	12:22	X		Comp	1	X	X	X	
SW-46	0-5	12/15/2023	12:24	X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-18-25 1055			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 21, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: OUTLAND 14-23 STATE UNIT 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 12/18/23 10:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 50 3 (H236707-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2023	ND	2.50	125	2.00	12.9		
Toluene*	<0.050	0.050	12/18/2023	ND	2.42	121	2.00	11.5		
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.51	126	2.00	11.7		
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.60	127	6.00	12.7		
Total BTEX	<0.300	0.300	12/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/18/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	216	108	200	3.12		
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	203	101	200	3.68		
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND						

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 51 3 (H236707-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/18/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/18/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	216	108	200	3.12	
DRO >C10-C28*	27.3	10.0	12/19/2023	ND	203	101	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 52 3 (H236707-03)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2023	ND	2.50	125	2.00	12.9		
Toluene*	<0.050	0.050	12/18/2023	ND	2.42	121	2.00	11.5		
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.51	126	2.00	11.7		
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.60	127	6.00	12.7		
Total BTEX	<0.300	0.300	12/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	12/18/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	216	108	200	3.12		
DRO >C10-C28*	16.9	10.0	12/19/2023	ND	203	101	200	3.68		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 53 3 (H236707-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/18/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	64.1	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 54 3 (H236707-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/18/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	28.9	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 55 3 (H236707-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	12/18/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 56 3 (H236707-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9		
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/18/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0		
DRO >C10-C28*	70.8	10.0	12/18/2023	ND	181	90.4	200	17.1		
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND						

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 57 3 (H236707-08)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9		
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/19/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0		
DRO >C10-C28*	114	10.0	12/18/2023	ND	181	90.4	200	17.1		
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 58 3 (H236707-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	22.5	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 59 3 (H236707-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	41.8	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 60 3 (H236707-11)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	0.051	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	0.461	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	1.98	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	2.49	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 165 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	62.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	695	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 61 3 (H236707-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	122	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 62 3 (H236707-13)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.50	125	2.00	12.9	
Toluene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	11.5	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.51	126	2.00	11.7	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.60	127	6.00	12.7	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	16.0	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 63 3 (H236707-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.19	120	6.00	4.53	QR-03
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	82.9	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 64 3 (H236707-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	242	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 65 3 (H236707-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	111	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 66 3 (H236707-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	183	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 67 3 (H236707-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	21.2	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 68 3 (H236707-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	43.7	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 69 3 (H236707-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	79.8	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 70 3 (H236707-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 71 3 (H236707-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 72 5 (H236707-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	179	89.4	200	17.0	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	181	90.4	200	17.1	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 73 5 (H236707-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	QR-03
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 74 5 (H236707-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 75 5 (H236707-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 76 5 (H236707-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 77 5 (H236707-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 78 5 (H236707-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 79 5 (H236707-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 80 5 (H236707-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 81 5 (H236707-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 82 5 (H236707-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.49	125	2.00	0.0559	
Toluene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	2.52	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.42	121	2.00	3.77	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.19	120	6.00	4.53	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	22.8	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 83 5 (H236707-34)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 84 5 (H236707-35)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 85 5 (H236707-36)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 86 10 (H236707-37)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 87 10 (H236707-38)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 88 10 (H236707-39)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 89 10 (H236707-40)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569		
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373		
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345		
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18		
Total BTEX	<0.300	0.300	12/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/19/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3		
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2		
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND						

Surrogate: 1-Chlorooctane 70.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 90 10 (H236707-41)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 91 10 (H236707-42)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 92 10 (H236707-43)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/18/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	232	116	200	12.3	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	231	115	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 93 10 (H236707-44)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 94 10 (H236707-45)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 95 10 (H236707-46)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 96 10 (H236707-47)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 97 10 (H236707-48)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 98 2 (H236707-49)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	92.7	10.0	12/19/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	20.5	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 99 2 (H236707-50)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	44.1	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 100 4 (H236707-51)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 101 4 (H236707-52)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 102 4 (H236707-53)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.19	110	2.00	0.569	
Toluene*	<0.050	0.050	12/19/2023	ND	2.30	115	2.00	0.0373	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.34	117	2.00	0.345	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.01	117	6.00	1.18	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 103 4 (H236707-54)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 104 4 (H236707-55)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	16.5	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 105 4 (H236707-56)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	32.4	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 106 5 (H236707-57)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 1 0-1 (H236707-58)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 2 1-3 (H236707-59)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 BECKY HASKELL
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	12/18/2023	Sampling Date:	12/15/2023
Reported:	12/21/2023	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE UNIT 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	237863	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 3 0-1 (H236707-60)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.14	107	2.00	12.7	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	12.4	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.26	113	2.00	12.3	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.80	113	6.00	12.5	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	163	81.3	200	4.49	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	168	84.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

4236707

Page 1 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #	Turn Around		Due Date:	TAT starts the day received by the lab, if received by 4:30pm	Parameters	Pres. Code																																																																																																																																		
					<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush																																																																																																																																						
Outland 14-23 State ZBS #2H	237863	Lea Co. NM	Kenny Han																																																																																																																																									
<table border="1"> <tr> <th>Sample Identification</th> <th>Depth (ft bgs)</th> <th>Date</th> <th>Time</th> <th>Soil</th> <th>Water</th> <th>Grab/Comp</th> <th># of Cont</th> <th colspan="2">ANALYSIS REQUEST</th> <th>Preservative Codes</th> </tr> <tr> <td>CS-50</td> <td>3</td> <td>12/15/2023</td> <td>9:00</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td>None: NO Cool: Cool HCL: HC H₂SO₄: H₂ H₃PO₄: HP NaHSO₄: NABIS Na₂S₂O₅: NASO₅ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC</td> </tr> <tr> <td>CS-51</td> <td>3</td> <td>12/15/2023</td> <td>9:02</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-52</td> <td>3</td> <td>12/15/2023</td> <td>9:04</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-53</td> <td>3</td> <td>12/15/2023</td> <td>9:06</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-54</td> <td>3</td> <td>12/15/2023</td> <td>9:08</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-55</td> <td>3</td> <td>12/15/2023</td> <td>9:10</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-56</td> <td>3</td> <td>12/15/2023</td> <td>9:12</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-57</td> <td>3</td> <td>12/15/2023</td> <td>9:14</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-58</td> <td>3</td> <td>12/15/2023</td> <td>9:16</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>CS-59</td> <td>3</td> <td>12/15/2023</td> <td>9:18</td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> </table>										Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes	CS-50	3	12/15/2023	9:00	X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NASO ₅ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	CS-51	3	12/15/2023	9:02	X		Comp	1	X	X	X		CS-52	3	12/15/2023	9:04	X		Comp	1	X	X	X		CS-53	3	12/15/2023	9:06	X		Comp	1	X	X	X		CS-54	3	12/15/2023	9:08	X		Comp	1	X	X	X		CS-55	3	12/15/2023	9:10	X		Comp	1	X	X	X		CS-56	3	12/15/2023	9:12	X		Comp	1	X	X	X		CS-57	3	12/15/2023	9:14	X		Comp	1	X	X	X		CS-58	3	12/15/2023	9:16	X		Comp	1	X	X	X		CS-59	3	12/15/2023	9:18	X		Comp	1	X	X	X	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes																																																																																																																																		
CS-50	3	12/15/2023	9:00	X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NASO ₅ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC																																																																																																																																	
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CS-53	3	12/15/2023	9:06	X		Comp	1	X	X	X																																																																																																																																		
CS-54	3	12/15/2023	9:08	X		Comp	1	X	X	X																																																																																																																																		
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CS-57	3	12/15/2023	9:14	X		Comp	1	X	X	X																																																																																																																																		
CS-58	3	12/15/2023	9:16	X		Comp	1	X	X	X																																																																																																																																		
CS-59	3	12/15/2023	9:18	X		Comp	1	X	X	X																																																																																																																																		

Additional Comments: Eshore = Permian on same Ex

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
		12-18-23 1055			



Chain of Custody

Work Order No: HQ30707

Page 2 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST				Preservative Codes
					<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
Outland 14-23 State ZBS #2H	237863	Lea Co. NM	Kenny Han		<input checked="" type="checkbox"/>	<input type="checkbox"/>						None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SAMPLE RECEIPT				Temp Blank:	Yes/No	Wet Ice:	Yes/No					
Received Intact:				Yes/No	Thermometer ID:		Yes/No					
Cooler Custody Seals:				Yes/No	Correction Factor:							
Sample Custody Seals:				Yes/No	Temperature Reading:							
Total Containers:				103	Corrected Temperature:							
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont					Sample Comments
CS-60	3	12/15/2023	9:20	X		Comp	1	X	X	X		
CS-61	3	12/15/2023	9:22	X		Comp	1	X	X	X		
CS-62	3	12/15/2023	9:24	X		Comp	1	X	X	X		
CS-63	3	12/15/2023	9:26	X		Comp	1	X	X	X		
CS-64	3	12/15/2023	9:28	X		Comp	1	X	X	X		
CS-65	3	12/15/2023	9:30	X		Comp	1	X	X	X		
CS-66	3	12/15/2023	9:32	X		Comp	1	X	X	X		
CS-67	3	12/15/2023	9:34	X		Comp	1	X	X	X		
CS-68	3	12/15/2023	9:36	X		Comp	1	X	X	X		
CS-69	3	12/15/2023	9:38	X		Comp	1	X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		12/15/23 055			



Chain of Custody

Work Order No: H830707

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Project Manager: Becky Haskell
 Company Name: NTG Environmental
 Address: 701 Tradewinds Blvd.
 City, State ZIP: Midland, TX 79701
 Phone: 432-766-1918

Bill to: (if different)
 Company Name: Montgomery Floyd
 Address:
 City, State ZIP:

Turn Around
 Routine
 Rush

Due Date: TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Received Inact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 103

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:

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST				Preservative Codes
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
CS-70	3	12/15/2023	9:40	X		Comp	1	X	X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NASO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-71	3	12/15/2023	9:42	X		Comp	1	X	X	X		
CS-72	5	12/15/2023	9:44	X		Comp	1	X	X	X		
CS-73	5	12/15/2023	9:46	X		Comp	1	X	X	X		
CS-74	5	12/15/2023	9:48	X		Comp	1	X	X	X		
CS-75	5	12/15/2023	9:50	X		Comp	1	X	X	X		
CS-76	5	12/15/2023	9:52	X		Comp	1	X	X	X		
CS-77	5	12/15/2023	9:54	X		Comp	1	X	X	X		
CS-78	5	12/15/2023	9:56	X		Comp	1	X	X	X		
CS-79	5	12/15/2023	9:58	X		Comp	1	X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	Stedrick	12-8-23 1055			



Chain of Custody

Work Order No: 1230707

Page 4 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PST PRP Brownfields RRC Superfund

State of Project: Level II Level III P-ST/UST TRRP Level IV

Reporting: Level II Level III P-ST/UST TRRP Level IV

Deliverables: EDD ADAPT Other: _____

Project Name:	Outland 14-23 State 2BS #2H	Turn Around	Pres. Code	ANALYSIS REQUEST				Preservative Codes
Project Number:	237863	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush						None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea Co, NM	Due Date:		Parameters				
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm		BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
PO #:								
SAMPLE RECEIPT								
Received Inact:	Temp Blank: <input checked="" type="radio"/> Yes <input type="radio"/> No	Thermometer ID:						
Cooler Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	Correction Factor:	140					
Sample Custody Seals:	Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	Temperature Reading:	-10.0°C					
Total Containers:	103	Corrected Temperature:						
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	
CS-80	5	12/15/2023	10:00	X		Comp	1	X X X
CS-81	5	12/15/2023	10:02	X		Comp	1	X X X
CS-82	5	12/15/2023	10:04	X		Comp	1	X X X
CS-83	5	12/15/2023	10:06	X		Comp	1	X X X
CS-84	5	12/15/2023	10:08	X		Comp	1	X X X
CS-85	5	12/15/2023	10:10	X		Comp	1	X X X
CS-86	10	12/15/2023	10:12	X		Comp	1	X X X
CS-87	10	12/15/2023	10:14	X		Comp	1	X X X
CS-88	10	12/15/2023	10:16	X		Comp	1	X X X
CS-89	10	12/15/2023	10:18	X		Comp	1	X X X

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Becky Haskell</i>	12-15-23 10:05			



Chain of Custody

Work Order No: 1236707

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Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Outland 14-23 State ZBS #2H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST														
Project Number:	237863	Due Date:																		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm																		
Sampler's Name:	Kenny Han	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	
PO #:		Thermometer ID:	140																	
SAMPLE RECEIPT		Temp Blank:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	
Received Inact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:																		
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	-10.0																	
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:																		
Total Containers:	103																			

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-90	10	12/15/2023	10:20	X		Comp	1	X	X	X	
CS-91	10	12/15/2023	10:22	X		Comp	1	X	X	X	
CS-92	10	12/15/2023	10:24	X		Comp	1	X	X	X	
CS-93	10	12/15/2023	10:26	X		Comp	1	X	X	X	
CS-94	10	12/15/2023	10:28	X		Comp	1	X	X	X	
CS-95	10	12/15/2023	10:30	X		Comp	1	X	X	X	
CS-96	10	12/15/2023	10:32	X		Comp	1	X	X	X	
CS-97	10	12/15/2023	10:34	X		Comp	1	X	X	X	
CS-98	2	12/15/2023	10:36	X		Comp	1	X	X	X	
CS-99	2	12/15/2023	10:38	X		Comp	1	X	X	X	

Additional Comments:

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Chain of Custody

Work Order No: 1830707

Page 6 of 11

Project Manager:	Becky Haskell	Bill to: (if different)	Montgomery Floyd
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-100	4	12/15/2023	10:40	X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂
CS-101	4	12/15/2023	10:42	X		Comp	1	X	X	X	H ₂ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃
CS-102	4	12/15/2023	10:44	X		Comp	1	X	X	X	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-103	4	12/15/2023	10:46	X		Comp	1	X	X	X	
CS-104	4	12/15/2023	10:48	X		Comp	1	X	X	X	
CS-105	4	12/15/2023	10:50	X		Comp	1	X	X	X	
CS-106	5	12/15/2023	10:52	X		Comp	1	X	X	X	
SW-1	0-1	12/15/2023	10:54	X		Comp	1	X	X	X	
SW-2	1-3	12/15/2023	10:56	X		Comp	1	X	X	X	
SW-3	0-1	12/15/2023	10:58	X		Comp	1	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	12-18-23 1055			



Environment Testing

- 1
- 2
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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 4/26/2024 1:16:41 PM Revision 1

JOB DESCRIPTION

Outland State
Lea County

JOB NUMBER

890-6478-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



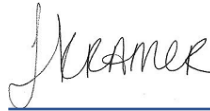
Eurofins Carlsbad

Job Notes

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

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

Authorization



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

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Revision 1

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- 13
- 14

Client: NT Global
Project/Site: Outland State

Laboratory Job ID: 890-6478-1
SDG: Lea County

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Definitions/Glossary

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: NT Global
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Job Narrative 890-6478-1

REVISION

The report being provided is a revision of the original report sent on 4/26/2024. The report (revision 1) is being revised due to Per client email, Samples SW-22A and SW-46A were supposed to be removed from report..

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 4/12/2024 2:56 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-20A (890-6478-1), CS-21A (890-6478-2), CS-24A (890-6478-3), CS-28A (890-6478-4), CS-29A (890-6478-5), CS-33A (890-6478-6), CS-34A (890-6478-7), CS-37A (890-6478-8), CS-42A (890-6478-9), CS-43A (890-6478-10), CS-47A (890-6478-11), CS-49A (890-6478-12), CS-57A (890-6478-13), CS-60A (890-6478-14), CS-61A (890-6478-15), CS-64A (890-6478-16), CS-65A (890-6478-17), CS-66A (890-6478-18), CS-79A (890-6478-19), CS-82A (890-6478-20), CS-98A (890-6478-21), CS-99A (890-6478-22), CS-107 (890-6478-23), CS-108 (890-6478-24), CS-109 (890-6478-25), CS-110 (890-6478-26), SW-47 (890-6478-27), SW-48 (890-6478-28), SW-49 (890-6478-29), SW-50 (890-6478-30), SW-51 (890-6478-31), SW-52 (890-6478-32), SW-53 (890-6478-33), SW-54 (890-6478-34), SW-55 (890-6478-35), SW-56 (890-6478-36), SW-57 (890-6478-37), SW-58 (890-6478-38), SW-59 (890-6478-39), SW-60 (890-6478-40), SW-61 (890-6478-41), SW-62 (890-6478-42), SW-63 (890-6478-43), SW-64 (890-6478-44), SW-65 (890-6478-45), SW-9A (890-6478-46), SW-12A (890-6478-47), SW-13A (890-6478-48), SW-14A (890-6478-49), SW-39A (890-6478-50), SW-18A (890-6478-51), SW-22A (890-6478-52), SW-23A (890-6478-53), SW-30A (890-6478-54), SW-31A (890-6478-55), SW-32A (890-6478-56), SW-36A (890-6478-57), SW-37A (890-6478-58), SW-38A (890-6478-59) and SW-46A (890-6478-60).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-78381 and analytical batch 880-77572 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-78438 recovered above the upper control limit for Ethylbenzene and m-Xylene & p-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 880-78438/20).

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-78383 and analytical batch 880-78438 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-79014/20), (CCV 880-79014/33) and (880-42547-A-1-C). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-78968 and analytical batch 880-79014 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-78968 and analytical

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Case Narrative

Client: NT Global
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batch 880-79014 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-28A (890-6478-4), CS-43A (890-6478-10) and (890-6478-A-1-B MS). 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: CS-57A (890-6478-13), CS-60A (890-6478-14), CS-61A (890-6478-15), CS-64A (890-6478-16) and CS-65A (890-6478-17). 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: SW-61 (890-6478-41), SW-63 (890-6478-43), SW-64 (890-6478-44), SW-65 (890-6478-45), SW-12A (890-6478-47), SW-13A (890-6478-48), SW-22A (890-6478-52), SW-30A (890-6478-54), SW-31A (890-6478-55), SW-32A (890-6478-56) and SW-46A (890-6478-60). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-78364 and analytical batch 880-78311 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-78360 and analytical batch 880-78311 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-110 (890-6478-26) and SW-47 (890-6478-27). 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.

HPLC/IC

Method 300_ORGFM_28D - Soluble: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 880-78294 and analytical batch 880-78403 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-78296 and 880-78296 and analytical batch 880-78415 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.

SW-53 (890-6478-33), SW-54 (890-6478-34), SW-55 (890-6478-35), SW-56 (890-6478-36), SW-57 (890-6478-37), SW-58 (890-6478-38), SW-59 (890-6478-39), SW-60 (890-6478-40), SW-61 (890-6478-41), SW-62 (890-6478-42), (890-6478-A-33-B MS) and (890-6478-A-33-C MSD)

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-78297 and 880-78297 and analytical batch 880-78423 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.

SW-23A (890-6478-53), SW-30A (890-6478-54), SW-31A (890-6478-55), SW-32A (890-6478-56), SW-36A (890-6478-57), SW-37A (890-6478-58), SW-38A (890-6478-59), SW-46A (890-6478-60), (890-6478-A-53-B MS) and (890-6478-A-53-C MSD)

Method 300_ORGFM_28D - Soluble: The followings sample was analyzed at a dilution due to the Matrix Conductivity Threshold (MCT) of the instrument: SW-32A (890-6478-56). The reporting limits have been adjusted accordingly.

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-78297 and analytical batch 880-78423 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.

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Case Narrative

Client: NT Global
Project: Outland State

Job ID: 890-6478-1

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SW-63 (890-6478-43), SW-64 (890-6478-44), SW-65 (890-6478-45), SW-9A (890-6478-46), SW-12A (890-6478-47), SW-13A (890-6478-48), SW-14A (890-6478-49), SW-39A (890-6478-50), SW-18A (890-6478-51), SW-22A (890-6478-52), (890-6478-A-43-B MS) and (890-6478-A-43-C MSD)

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

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-20A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 16:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 16:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 16:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:43	04/16/24 16:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/24 11:43	04/16/24 16:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/16/24 11:43	04/16/24 16:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:43	04/16/24 16:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/24 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/16/24 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F2	49.8		mg/Kg		04/16/24 09:15	04/16/24 11:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 11:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/16/24 09:15	04/16/24 11:51	1
o-Terphenyl	92		70 - 130	04/16/24 09:15	04/16/24 11:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		5.04		mg/Kg			04/16/24 19:41	1

Client Sample ID: CS-21A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:43	04/16/24 16:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:43	04/16/24 16:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:43	04/16/24 16:40	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/16/24 11:43	04/16/24 16:40	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/16/24 11:43	04/16/24 16:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:43	04/16/24 16:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/16/24 11:43	04/16/24 16:40	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:43	04/16/24 16:40	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-21A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/16/24 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/16/24 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/16/24 09:15	04/16/24 12:56	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/16/24 09:15	04/16/24 12:56	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/16/24 09:15	04/16/24 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/16/24 09:15	04/16/24 12:56	1
o-Terphenyl	93		70 - 130	04/16/24 09:15	04/16/24 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		5.05		mg/Kg			04/16/24 19:46	1

Client Sample ID: CS-24A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/16/24 11:43	04/16/24 17:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/16/24 11:43	04/16/24 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/16/24 11:43	04/16/24 17:06	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/16/24 11:43	04/16/24 17:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/16/24 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	<49.7	U	49.7		mg/Kg			04/16/24 13:18	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	<49.7	U	49.7		mg/Kg		04/16/24 09:15	04/16/24 13:18	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/16/24 09:15	04/16/24 13:18	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-24A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/16/24 09:15	04/16/24 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				04/16/24 09:15	04/16/24 13:18	1
o-Terphenyl	89		70 - 130				04/16/24 09:15	04/16/24 13:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930		5.05		mg/Kg			04/16/24 19:51	1

Client Sample ID: CS-28A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:43	04/16/24 17:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/24 11:43	04/16/24 17:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/16/24 11:43	04/16/24 17:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/16/24 11:43	04/16/24 17:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/16/24 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.2		49.7		mg/Kg			04/16/24 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/16/24 09:15	04/16/24 13:40	1
Diesel Range Organics (Over C10-C28)	58.2		49.7		mg/Kg		04/16/24 09:15	04/16/24 13:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/16/24 09:15	04/16/24 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				04/16/24 09:15	04/16/24 13:40	1
o-Terphenyl	115		70 - 130				04/16/24 09:15	04/16/24 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14200		99.8		mg/Kg			04/16/24 19:56	20

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-29A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/22/24 17:00	04/23/24 18:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/24 17:00	04/23/24 18:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/24 17:00	04/23/24 18:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/24 17:00	04/23/24 18:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/24 17:00	04/23/24 18:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/24 17:00	04/23/24 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/22/24 17:00	04/23/24 18:42	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/22/24 17:00	04/23/24 18:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/23/24 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/16/24 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/24 09:15	04/16/24 14:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:15	04/16/24 14:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:15	04/16/24 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/16/24 09:15	04/16/24 14:02	1
o-Terphenyl	91		70 - 130	04/16/24 09:15	04/16/24 14:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	626		5.00		mg/Kg			04/16/24 20:00	1

Client Sample ID: CS-33A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 01:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 01:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/17/24 11:06	04/18/24 01:18	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/17/24 11:06	04/18/24 01:18	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-33A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-6
Matrix: Solid

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			04/18/24 01:18	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			04/16/24 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 14:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 14:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	04/16/24 09:15	04/16/24 14:24	1
o-Terphenyl	84		70 - 130	04/16/24 09:15	04/16/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313		5.01		mg/Kg			04/16/24 20:05	1

Client Sample ID: CS-34A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 01:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 01:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/17/24 11:06	04/18/24 01:39	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/17/24 11:06	04/18/24 01:39	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			04/18/24 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/16/24 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/16/24 09:15	04/16/24 14:46	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/16/24 09:15	04/16/24 14:46	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-34A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/16/24 09:15	04/16/24 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				04/16/24 09:15	04/16/24 14:46	1
o-Terphenyl	104		70 - 130				04/16/24 09:15	04/16/24 14:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	259		5.03		mg/Kg			04/16/24 20:10	1

Client Sample ID: CS-37A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 01:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 01:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 01:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/17/24 11:06	04/18/24 01:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/17/24 11:06	04/18/24 01:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 01:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				04/17/24 11:06	04/18/24 01:59	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/17/24 11:06	04/18/24 01:59	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			04/18/24 01:59	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			04/16/24 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/16/24 09:15	04/16/24 15:10	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/16/24 09:15	04/16/24 15:10	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/16/24 09:15	04/16/24 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/16/24 09:15	04/16/24 15:10	1
o-Terphenyl	94		70 - 130				04/16/24 09:15	04/16/24 15:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279		4.98		mg/Kg			04/17/24 16:31	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-42A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 02:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 02:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 02:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/17/24 11:06	04/18/24 02:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/17/24 11:06	04/18/24 02:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/17/24 11:06	04/18/24 02:20	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/17/24 11:06	04/18/24 02:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/18/24 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/16/24 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/16/24 09:15	04/16/24 15:32	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/16/24 09:15	04/16/24 15:32	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/24 09:15	04/16/24 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	04/16/24 09:15	04/16/24 15:32	1
o-Terphenyl	106		70 - 130	04/16/24 09:15	04/16/24 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	304		5.02		mg/Kg			04/17/24 16:38	1

Client Sample ID: CS-43A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 02:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 02:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 02:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/17/24 11:06	04/18/24 02:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/17/24 11:06	04/18/24 02:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/17/24 11:06	04/18/24 02:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	04/17/24 11:06	04/18/24 02:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/17/24 11:06	04/18/24 02:40	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-43A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/18/24 02:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	171		50.4		mg/Kg			04/16/24 15:54	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	<50.4	U	50.4		mg/Kg		04/16/24 09:15	04/16/24 15:54	1
Diesel Range Organics (Over C10-C28)	171		50.4		mg/Kg		04/16/24 09:15	04/16/24 15:54	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:15	04/16/24 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				04/16/24 09:15	04/16/24 15:54	1
o-Terphenyl	120		70 - 130				04/16/24 09:15	04/16/24 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	374		5.04		mg/Kg			04/17/24 16:44	1

Client Sample ID: CS-47A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/17/24 11:06	04/18/24 03:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/17/24 11:06	04/18/24 03:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				04/17/24 11:06	04/18/24 03:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/17/24 11:06	04/18/24 03:01	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			04/18/24 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	216		50.1		mg/Kg			04/16/24 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/16/24 09:15	04/16/24 16:37	1
Diesel Range Organics (Over C10-C28)	216		50.1		mg/Kg		04/16/24 09:15	04/16/24 16:37	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-47A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/24 09:15	04/16/24 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				04/16/24 09:15	04/16/24 16:37	1
o-Terphenyl	108		70 - 130				04/16/24 09:15	04/16/24 16:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.01		mg/Kg			04/17/24 16:50	1

Client Sample ID: CS-49A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 03:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 03:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 03:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/17/24 11:06	04/18/24 03:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/17/24 11:06	04/18/24 03:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				04/17/24 11:06	04/18/24 03:21	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/17/24 11:06	04/18/24 03:21	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			04/18/24 03:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.9		50.5		mg/Kg			04/16/24 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/16/24 09:15	04/16/24 16:59	1
Diesel Range Organics (Over C10-C28)	74.9		50.5		mg/Kg		04/16/24 09:15	04/16/24 16:59	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/16/24 09:15	04/16/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				04/16/24 09:15	04/16/24 16:59	1
o-Terphenyl	99		70 - 130				04/16/24 09:15	04/16/24 16:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		5.00		mg/Kg			04/17/24 16:57	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-57A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/17/24 11:06	04/18/24 03:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/17/24 11:06	04/18/24 03:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/17/24 11:06	04/18/24 03:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/17/24 11:06	04/18/24 03:42	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			04/18/24 03:42	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			04/16/24 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/24 09:15	04/16/24 17:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:15	04/16/24 17:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:15	04/16/24 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	04/16/24 09:15	04/16/24 17:21	1
o-Terphenyl	123		70 - 130	04/16/24 09:15	04/16/24 17:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		4.98		mg/Kg			04/17/24 17:03	1

Client Sample ID: CS-60A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 04:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 04:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 04:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 04:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 04:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/17/24 11:06	04/18/24 04:02	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/17/24 11:06	04/18/24 04:02	1

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Client Sample Results

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-60A
 Date Collected: 04/12/24 00:00
 Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-14
 Matrix: Solid

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			04/18/24 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/16/24 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 17:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 17:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				04/16/24 09:15	04/16/24 17:42	1
o-Terphenyl	114		70 - 130				04/16/24 09:15	04/16/24 17:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	477		4.99		mg/Kg			04/17/24 17:09	1

Client Sample ID: CS-61A
 Date Collected: 04/12/24 00:00
 Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-15
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 04:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 04:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 04:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/17/24 11:06	04/18/24 04:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/17/24 11:06	04/18/24 04:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/17/24 11:06	04/18/24 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				04/17/24 11:06	04/18/24 04:22	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/17/24 11:06	04/18/24 04:22	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			04/18/24 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	753		49.8		mg/Kg			04/16/24 18:04	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	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 18:04	1
Diesel Range Organics (Over C10-C28)	753		49.8		mg/Kg		04/16/24 09:15	04/16/24 18:04	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-61A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:15	04/16/24 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				04/16/24 09:15	04/16/24 18:04	1
o-Terphenyl	111		70 - 130				04/16/24 09:15	04/16/24 18:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	481		5.02		mg/Kg			04/17/24 00:02	1

Client Sample ID: CS-64A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 05:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 05:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 05:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/17/24 11:06	04/18/24 05:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/17/24 11:06	04/18/24 05:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 05:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				04/17/24 11:06	04/18/24 05:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/17/24 11:06	04/18/24 05:55	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			04/18/24 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.8		50.3		mg/Kg			04/16/24 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	<50.3	U	50.3		mg/Kg		04/16/24 09:15	04/16/24 18:25	1
Diesel Range Organics (Over C10-C28)	50.8		50.3		mg/Kg		04/16/24 09:15	04/16/24 18:25	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/16/24 09:15	04/16/24 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				04/16/24 09:15	04/16/24 18:25	1
o-Terphenyl	107		70 - 130				04/16/24 09:15	04/16/24 18:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		5.03		mg/Kg			04/17/24 00:21	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-65A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 06:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 06:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 06:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 06:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 06:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 06:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/17/24 11:06	04/18/24 06:16	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/17/24 11:06	04/18/24 06:16	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			04/18/24 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/16/24 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	<50.2	U	50.2		mg/Kg		04/16/24 09:15	04/16/24 18:46	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/16/24 09:15	04/16/24 18:46	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/16/24 09:15	04/16/24 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130	04/16/24 09:15	04/16/24 18:46	1
o-Terphenyl	117		70 - 130	04/16/24 09:15	04/16/24 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.02		mg/Kg			04/17/24 00:27	1

Client Sample ID: CS-66A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-18
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 06:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 06:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 06:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/17/24 11:06	04/18/24 06:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/17/24 11:06	04/18/24 06:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 06:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/17/24 11:06	04/18/24 06:36	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/17/24 11:06	04/18/24 06:36	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-66A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-18
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			04/18/24 06:36	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			04/16/24 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	<50.4	U	50.4		mg/Kg		04/16/24 09:15	04/16/24 19:06	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/16/24 09:15	04/16/24 19:06	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:15	04/16/24 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	04/16/24 09:15	04/16/24 19:06	1
o-Terphenyl	105		70 - 130	04/16/24 09:15	04/16/24 19:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.1		4.95		mg/Kg			04/17/24 00:33	1

Client Sample ID: CS-79A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 06:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 06:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 06:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/17/24 11:06	04/18/24 06:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/17/24 11:06	04/18/24 06:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/17/24 11:06	04/18/24 06:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/17/24 11:06	04/18/24 06:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/17/24 11:06	04/18/24 06:56	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			04/18/24 06:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.3		50.5		mg/Kg			04/16/24 19:27	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	<50.5	U	50.5		mg/Kg		04/16/24 09:15	04/16/24 19:27	1
Diesel Range Organics (Over C10-C28)	74.3		50.5		mg/Kg		04/16/24 09:15	04/16/24 19:27	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-79A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/16/24 09:15	04/16/24 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				04/16/24 09:15	04/16/24 19:27	1
o-Terphenyl	104		70 - 130				04/16/24 09:15	04/16/24 19:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7240		50.4		mg/Kg			04/17/24 00:39	10

Client Sample ID: CS-82A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-20
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 07:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 07:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 07:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 07:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/17/24 11:06	04/18/24 07:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/17/24 11:06	04/18/24 07:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				04/17/24 11:06	04/18/24 07:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/17/24 11:06	04/18/24 07:17	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			04/18/24 07:17	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			04/16/24 19:48	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	<50.0	U	50.0		mg/Kg		04/16/24 09:15	04/16/24 19:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 09:15	04/16/24 19:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:15	04/16/24 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				04/16/24 09:15	04/16/24 19:48	1
o-Terphenyl	107		70 - 130				04/16/24 09:15	04/16/24 19:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4510		25.2		mg/Kg			04/17/24 00:46	5

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-98A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-21
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:45	04/17/24 02:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/24 11:45	04/17/24 02:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/16/24 11:45	04/17/24 02:17	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:45	04/17/24 02:17	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			04/17/24 02:17	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			04/16/24 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/24 09:18	04/16/24 11:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:18	04/16/24 11:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:18	04/16/24 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	04/16/24 09:18	04/16/24 11:51	1
o-Terphenyl	111		70 - 130	04/16/24 09:18	04/16/24 11:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3370		25.2		mg/Kg			04/17/24 00:52	5

Client Sample ID: CS-99A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-22
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 02:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 02:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 02:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/16/24 11:45	04/17/24 02:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/16/24 11:45	04/17/24 02:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/16/24 11:45	04/17/24 02:37	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:45	04/17/24 02:37	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-99A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/17/24 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/16/24 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/16/24 09:18	04/16/24 12:56	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/16/24 09:18	04/16/24 12:56	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/16/24 09:18	04/16/24 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	04/16/24 09:18	04/16/24 12:56	1
o-Terphenyl	91		70 - 130	04/16/24 09:18	04/16/24 12:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2810		25.1		mg/Kg			04/17/24 00:58	5

Client Sample ID: CS-107
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/16/24 11:45	04/17/24 02:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/16/24 11:45	04/17/24 02:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 02:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/16/24 11:45	04/17/24 02:58	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:45	04/17/24 02:58	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			04/17/24 02:58	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			04/16/24 13:18	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		04/16/24 09:18	04/16/24 13:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:18	04/16/24 13:18	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-107
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:18	04/16/24 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				04/16/24 09:18	04/16/24 13:18	1
o-Terphenyl	107		70 - 130				04/16/24 09:18	04/16/24 13:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.7		4.98		mg/Kg			04/17/24 02:22	1

Client Sample ID: CS-108
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-24
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:45	04/17/24 03:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/24 11:45	04/17/24 03:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				04/16/24 11:45	04/17/24 03:18	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/16/24 11:45	04/17/24 03:18	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			04/17/24 03:18	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			04/16/24 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/16/24 09:18	04/16/24 13:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/16/24 09:18	04/16/24 13:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:18	04/16/24 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				04/16/24 09:18	04/16/24 13:40	1
o-Terphenyl	70		70 - 130				04/16/24 09:18	04/16/24 13:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	617		5.04		mg/Kg			04/17/24 02:37	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-109
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-25
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 03:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 03:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 03:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/24 11:45	04/17/24 03:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/16/24 11:45	04/17/24 03:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/16/24 11:45	04/17/24 03:39	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:45	04/17/24 03:39	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			04/17/24 03:39	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			04/16/24 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 14:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 14:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	04/16/24 09:18	04/16/24 14:02	1
o-Terphenyl	104		70 - 130	04/16/24 09:18	04/16/24 14:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		4.99		mg/Kg			04/17/24 02:41	1

Client Sample ID: CS-110
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-26
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/24 11:45	04/17/24 03:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/24 11:45	04/17/24 03:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/16/24 11:45	04/17/24 03:59	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/16/24 11:45	04/17/24 03:59	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: CS-110
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-26
Matrix: Solid

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			04/17/24 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/16/24 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/16/24 09:18	04/16/24 14:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/16/24 09:18	04/16/24 14:24	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/16/24 09:18	04/16/24 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	49	S1-	70 - 130	04/16/24 09:18	04/16/24 14:24	1
o-Terphenyl	47	S1-	70 - 130	04/16/24 09:18	04/16/24 14:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		5.03		mg/Kg			04/17/24 02:46	1

Client Sample ID: SW-47
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-27
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 04:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 04:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 04:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/16/24 11:45	04/17/24 04:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/16/24 11:45	04/17/24 04:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/16/24 11:45	04/17/24 04:20	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:45	04/17/24 04:20	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			04/17/24 04:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	96.4		50.1		mg/Kg			04/16/24 14:46	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	<50.1	U	50.1		mg/Kg		04/16/24 09:18	04/16/24 14:46	1
Diesel Range Organics (Over C10-C28)	96.4		50.1		mg/Kg		04/16/24 09:18	04/16/24 14:46	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-47
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-27
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/24 09:18	04/16/24 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				04/16/24 09:18	04/16/24 14:46	1
o-Terphenyl	65	S1-	70 - 130				04/16/24 09:18	04/16/24 14:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	712		5.00		mg/Kg			04/17/24 02:51	1

Client Sample ID: SW-48
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-28
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:45	04/17/24 04:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:45	04/17/24 04:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:45	04/17/24 04:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/24 11:45	04/17/24 04:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/16/24 11:45	04/17/24 04:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:45	04/17/24 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				04/16/24 11:45	04/17/24 04:40	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/16/24 11:45	04/17/24 04:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/17/24 04:40	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			04/16/24 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 15:10	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 15:10	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				04/16/24 09:18	04/16/24 15:10	1
o-Terphenyl	102		70 - 130				04/16/24 09:18	04/16/24 15:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	576		4.96		mg/Kg			04/17/24 03:06	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-49
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-29
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 05:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 05:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 05:00	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/16/24 11:45	04/17/24 05:00	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/16/24 11:45	04/17/24 05:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:45	04/17/24 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				04/16/24 11:45	04/17/24 05:00	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/16/24 11:45	04/17/24 05:00	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			04/17/24 05:00	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			04/16/24 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/16/24 09:18	04/16/24 15:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/16/24 09:18	04/16/24 15:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:18	04/16/24 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				04/16/24 09:18	04/16/24 15:32	1
o-Terphenyl	88		70 - 130				04/16/24 09:18	04/16/24 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		5.02		mg/Kg			04/17/24 03:10	1

Client Sample ID: SW-50
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-30
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 05:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 05:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 05:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:45	04/17/24 05:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/24 11:45	04/17/24 05:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 05:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				04/16/24 11:45	04/17/24 05:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/16/24 11:45	04/17/24 05:21	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-50
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-30
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			04/17/24 05:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.1		49.8		mg/Kg			04/16/24 15:54	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		04/16/24 09:18	04/16/24 15:54	1
Diesel Range Organics (Over C10-C28)	84.1		49.8		mg/Kg		04/16/24 09:18	04/16/24 15:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:18	04/16/24 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/16/24 09:18	04/16/24 15:54	1
o-Terphenyl	119		70 - 130				04/16/24 09:18	04/16/24 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	293		4.96		mg/Kg			04/17/24 03:15	1

Client Sample ID: SW-51
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-31
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 06:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 06:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 06:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/24 11:45	04/17/24 06:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/16/24 11:45	04/17/24 06:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:45	04/17/24 06:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				04/16/24 11:45	04/17/24 06:54	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/16/24 11:45	04/17/24 06:54	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			04/17/24 06:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/16/24 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 16:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 16:37	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-51
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-31
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				04/16/24 09:18	04/16/24 16:37	1
o-Terphenyl	92		70 - 130				04/16/24 09:18	04/16/24 16:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5760		50.2		mg/Kg			04/17/24 03:20	10

Client Sample ID: SW-52
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-32
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.907	U	0.907		mg/Kg		04/16/24 11:45	04/17/24 07:14	1
Ethylbenzene	<0.907	U	0.907		mg/Kg		04/16/24 11:45	04/17/24 07:14	1
Toluene	<0.907	U	0.907		mg/Kg		04/16/24 11:45	04/17/24 07:14	1
Xylenes, Total	<1.81	U	1.81		mg/Kg		04/16/24 11:45	04/17/24 07:14	1
m-Xylene & p-Xylene	<1.81	U	1.81		mg/Kg		04/16/24 11:45	04/17/24 07:14	1
o-Xylene	<0.907	U	0.907		mg/Kg		04/16/24 11:45	04/17/24 07:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				04/16/24 11:45	04/17/24 07:14	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/16/24 11:45	04/17/24 07:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.81	U	1.81		mg/Kg			04/17/24 07:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	408		50.0		mg/Kg			04/16/24 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 16:59	1
Diesel Range Organics (Over C10-C28)	408		50.0		mg/Kg		04/16/24 09:18	04/16/24 16:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/16/24 09:18	04/16/24 16:59	1
o-Terphenyl	109		70 - 130				04/16/24 09:18	04/16/24 16:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20400		101		mg/Kg			04/17/24 03:25	20

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Client Sample Results

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-53
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-33
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 07:35	1
Ethylbenzene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 07:35	1
Toluene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 07:35	1
Xylenes, Total	<1.80	U	1.80		mg/Kg		04/16/24 11:45	04/17/24 07:35	1
m-Xylene & p-Xylene	<1.80	U	1.80		mg/Kg		04/16/24 11:45	04/17/24 07:35	1
o-Xylene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 07:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/16/24 11:45	04/17/24 07:35	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/16/24 11:45	04/17/24 07:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.80	U	1.80		mg/Kg			04/17/24 07:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	137		50.1		mg/Kg			04/16/24 17:21	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	<50.1	U	50.1		mg/Kg		04/16/24 09:18	04/16/24 17:21	1
Diesel Range Organics (Over C10-C28)	137		50.1		mg/Kg		04/16/24 09:18	04/16/24 17:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/24 09:18	04/16/24 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	04/16/24 09:18	04/16/24 17:21	1
o-Terphenyl	110		70 - 130	04/16/24 09:18	04/16/24 17:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3660	F1	25.1		mg/Kg			04/17/24 03:30	5

Client Sample ID: SW-54
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-34
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 07:55	1
Ethylbenzene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 07:55	1
Toluene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 07:55	1
Xylenes, Total	<1.82	U	1.82		mg/Kg		04/16/24 11:45	04/17/24 07:55	1
m-Xylene & p-Xylene	<1.82	U	1.82		mg/Kg		04/16/24 11:45	04/17/24 07:55	1
o-Xylene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 07:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/16/24 11:45	04/17/24 07:55	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/16/24 11:45	04/17/24 07:55	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-54
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-34
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.82	U	1.82		mg/Kg			04/17/24 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.6		50.4		mg/Kg			04/16/24 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 17:42	1
Diesel Range Organics (Over C10-C28)	58.6		50.4		mg/Kg		04/16/24 09:18	04/16/24 17:42	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/16/24 09:18	04/16/24 17:42	1
o-Terphenyl	118		70 - 130				04/16/24 09:18	04/16/24 17:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13300		99.8		mg/Kg			04/17/24 03:44	20

Client Sample ID: SW-55
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-35
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 08:16	1
Ethylbenzene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 08:16	1
Toluene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 08:16	1
Xylenes, Total	<1.82	U	1.82		mg/Kg		04/16/24 11:45	04/17/24 08:16	1
m-Xylene & p-Xylene	<1.82	U	1.82		mg/Kg		04/16/24 11:45	04/17/24 08:16	1
o-Xylene	<0.909	U	0.909		mg/Kg		04/16/24 11:45	04/17/24 08:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				04/16/24 11:45	04/17/24 08:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/16/24 11:45	04/17/24 08:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.82	U	1.82		mg/Kg			04/17/24 08:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/16/24 18:04	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	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 18:04	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 18:04	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-55
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-35
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				04/16/24 09:18	04/16/24 18:04	1
o-Terphenyl	119		70 - 130				04/16/24 09:18	04/16/24 18:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2370		25.2		mg/Kg			04/17/24 03:49	5

Client Sample ID: SW-56
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-36
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 08:36	1
Ethylbenzene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 08:36	1
Toluene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 08:36	1
Xylenes, Total	<1.80	U	1.80		mg/Kg		04/16/24 11:45	04/17/24 08:36	1
m-Xylene & p-Xylene	<1.80	U	1.80		mg/Kg		04/16/24 11:45	04/17/24 08:36	1
o-Xylene	<0.902	U	0.902		mg/Kg		04/16/24 11:45	04/17/24 08:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				04/16/24 11:45	04/17/24 08:36	1
1,4-Difluorobenzene (Surr)	91		70 - 130				04/16/24 11:45	04/17/24 08:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.80	U	1.80		mg/Kg			04/17/24 08:36	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			04/16/24 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	<50.3	U	50.3		mg/Kg		04/16/24 09:18	04/16/24 18:25	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/16/24 09:18	04/16/24 18:25	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/16/24 09:18	04/16/24 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/16/24 09:18	04/16/24 18:25	1
o-Terphenyl	118		70 - 130				04/16/24 09:18	04/16/24 18:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.9		4.98		mg/Kg			04/17/24 04:03	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-57
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-37
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.905	U	0.905		mg/Kg		04/16/24 11:45	04/17/24 08:56	1
Ethylbenzene	<0.905	U	0.905		mg/Kg		04/16/24 11:45	04/17/24 08:56	1
Toluene	<0.905	U	0.905		mg/Kg		04/16/24 11:45	04/17/24 08:56	1
Xylenes, Total	<1.81	U	1.81		mg/Kg		04/16/24 11:45	04/17/24 08:56	1
m-Xylene & p-Xylene	<1.81	U	1.81		mg/Kg		04/16/24 11:45	04/17/24 08:56	1
o-Xylene	<0.905	U	0.905		mg/Kg		04/16/24 11:45	04/17/24 08:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	04/16/24 11:45	04/17/24 08:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/16/24 11:45	04/17/24 08:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.81	U	1.81		mg/Kg			04/17/24 08:56	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			04/16/24 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	49.7		mg/Kg		04/16/24 09:18	04/16/24 18:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/16/24 09:18	04/16/24 18:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/16/24 09:18	04/16/24 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	04/16/24 09:18	04/16/24 18:46	1
o-Terphenyl	123		70 - 130	04/16/24 09:18	04/16/24 18:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	405		5.03		mg/Kg			04/17/24 04:08	1

Client Sample ID: SW-58
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-38
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.913	U	0.913		mg/Kg		04/16/24 11:45	04/17/24 09:17	1
Ethylbenzene	<0.913	U	0.913		mg/Kg		04/16/24 11:45	04/17/24 09:17	1
Toluene	<0.913	U	0.913		mg/Kg		04/16/24 11:45	04/17/24 09:17	1
Xylenes, Total	<1.83	U	1.83		mg/Kg		04/16/24 11:45	04/17/24 09:17	1
m-Xylene & p-Xylene	<1.83	U	1.83		mg/Kg		04/16/24 11:45	04/17/24 09:17	1
o-Xylene	<0.913	U	0.913		mg/Kg		04/16/24 11:45	04/17/24 09:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/16/24 11:45	04/17/24 09:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/16/24 11:45	04/17/24 09:17	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-58
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-38
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.83	U	1.83		mg/Kg			04/17/24 09:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/16/24 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	<49.6	U	49.6		mg/Kg		04/16/24 09:18	04/16/24 19:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/16/24 09:18	04/16/24 19:06	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/16/24 09:18	04/16/24 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				04/16/24 09:18	04/16/24 19:06	1
o-Terphenyl	113		70 - 130				04/16/24 09:18	04/16/24 19:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.4		4.99		mg/Kg			04/17/24 04:13	1

Client Sample ID: SW-59
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-39
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.916	U	0.916		mg/Kg		04/16/24 11:45	04/17/24 09:37	1
Ethylbenzene	<0.916	U	0.916		mg/Kg		04/16/24 11:45	04/17/24 09:37	1
Toluene	<0.916	U	0.916		mg/Kg		04/16/24 11:45	04/17/24 09:37	1
Xylenes, Total	<1.83	U	1.83		mg/Kg		04/16/24 11:45	04/17/24 09:37	1
m-Xylene & p-Xylene	<1.83	U	1.83		mg/Kg		04/16/24 11:45	04/17/24 09:37	1
o-Xylene	<0.916	U	0.916		mg/Kg		04/16/24 11:45	04/17/24 09:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				04/16/24 11:45	04/17/24 09:37	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/16/24 11:45	04/17/24 09:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.83	U	1.83		mg/Kg			04/17/24 09:37	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			04/16/24 19:27	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		04/16/24 09:18	04/16/24 19:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 19:27	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-59
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-39
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:18	04/16/24 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				04/16/24 09:18	04/16/24 19:27	1
o-Terphenyl	114		70 - 130				04/16/24 09:18	04/16/24 19:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	388		5.01		mg/Kg			04/17/24 04:18	1

Client Sample ID: SW-60
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-40
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.900	U	0.900		mg/Kg		04/16/24 11:45	04/17/24 09:58	1
Ethylbenzene	<0.900	U	0.900		mg/Kg		04/16/24 11:45	04/17/24 09:58	1
Toluene	<0.900	U	0.900		mg/Kg		04/16/24 11:45	04/17/24 09:58	1
Xylenes, Total	<1.80	U	1.80		mg/Kg		04/16/24 11:45	04/17/24 09:58	1
m-Xylene & p-Xylene	<1.80	U	1.80		mg/Kg		04/16/24 11:45	04/17/24 09:58	1
o-Xylene	<0.900	U	0.900		mg/Kg		04/16/24 11:45	04/17/24 09:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				04/16/24 11:45	04/17/24 09:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130				04/16/24 11:45	04/17/24 09:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.80	U	1.80		mg/Kg			04/17/24 09:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	243		50.4		mg/Kg			04/16/24 19:48	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	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 19:48	1
Diesel Range Organics (Over C10-C28)	243		50.4		mg/Kg		04/16/24 09:18	04/16/24 19:48	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:18	04/16/24 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				04/16/24 09:18	04/16/24 19:48	1
o-Terphenyl	110		70 - 130				04/16/24 09:18	04/16/24 19:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		5.00		mg/Kg			04/17/24 04:23	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-61
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-41
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:46	04/17/24 12:01	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/16/24 11:46	04/17/24 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				04/16/24 11:46	04/17/24 12:01	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/16/24 11:46	04/17/24 12:01	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			04/17/24 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	101		49.6		mg/Kg			04/16/24 21:33	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	<49.6	U	49.6		mg/Kg		04/16/24 09:23	04/16/24 21:33	1
Diesel Range Organics (Over C10-C28)	101		49.6		mg/Kg		04/16/24 09:23	04/16/24 21:33	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/16/24 09:23	04/16/24 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				04/16/24 09:23	04/16/24 21:33	1
o-Terphenyl	106		70 - 130				04/16/24 09:23	04/16/24 21:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		5.00		mg/Kg			04/17/24 04:28	1

Client Sample ID: SW-62
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-42
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 12:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 12:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 12:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/16/24 11:46	04/17/24 12:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/16/24 11:46	04/17/24 12:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/16/24 11:46	04/17/24 12:22	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/16/24 11:46	04/17/24 12:22	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-62
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-42
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/17/24 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	60.0		50.2		mg/Kg			04/16/24 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/16/24 09:23	04/16/24 22:36	1
Diesel Range Organics (Over C10-C28)	60.0		50.2		mg/Kg		04/16/24 09:23	04/16/24 22:36	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/16/24 09:23	04/16/24 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				04/16/24 09:23	04/16/24 22:36	1
o-Terphenyl	109		70 - 130				04/16/24 09:23	04/16/24 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3440		25.0		mg/Kg			04/17/24 04:32	5

Client Sample ID: SW-63
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-43
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/16/24 11:46	04/17/24 12:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/16/24 11:46	04/17/24 12:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/16/24 11:46	04/17/24 12:42	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/16/24 11:46	04/17/24 12:42	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			04/17/24 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	65.5		49.7		mg/Kg			04/16/24 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/16/24 09:23	04/16/24 22:57	1
Diesel Range Organics (Over C10-C28)	65.5		49.7		mg/Kg		04/16/24 09:23	04/16/24 22:57	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-63
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-43
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/16/24 09:23	04/16/24 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				04/16/24 09:23	04/16/24 22:57	1
o-Terphenyl	113		70 - 130				04/16/24 09:23	04/16/24 22:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2440	F1	25.0		mg/Kg			04/16/24 23:38	5

Client Sample ID: SW-64
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-44
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:46	04/17/24 13:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/24 11:46	04/17/24 13:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/16/24 11:46	04/17/24 13:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/16/24 11:46	04/17/24 13:03	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			04/17/24 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	<49.9	U	49.9		mg/Kg			04/16/24 23:18	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		04/16/24 09:23	04/16/24 23:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/16/24 23:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/16/24 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				04/16/24 09:23	04/16/24 23:18	1
o-Terphenyl	114		70 - 130				04/16/24 09:23	04/16/24 23:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0		5.03		mg/Kg			04/16/24 23:52	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-65
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-45
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:46	04/17/24 13:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:46	04/17/24 13:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:46	04/17/24 13:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/24 11:46	04/17/24 13:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/16/24 11:46	04/17/24 13:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:46	04/17/24 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				04/16/24 11:46	04/17/24 13:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/16/24 11:46	04/17/24 13:23	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			04/17/24 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	<49.9	U	49.9		mg/Kg			04/16/24 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/16/24 23:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/16/24 23:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/16/24 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130				04/16/24 09:23	04/16/24 23:39	1
o-Terphenyl	120		70 - 130				04/16/24 09:23	04/16/24 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		5.04		mg/Kg			04/16/24 23:57	1

Client Sample ID: SW-9A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-46
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/24 11:46	04/17/24 13:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/24 11:46	04/17/24 13:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/16/24 11:46	04/17/24 13:44	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/16/24 11:46	04/17/24 13:44	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-9A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-46
Matrix: Solid

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			04/17/24 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	<50.3	U	50.3		mg/Kg			04/17/24 00:00	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	<50.3	U	50.3		mg/Kg		04/16/24 09:23	04/17/24 00:00	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/16/24 09:23	04/17/24 00:00	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/16/24 09:23	04/17/24 00:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	04/16/24 09:23	04/17/24 00:00	1
o-Terphenyl	102		70 - 130	04/16/24 09:23	04/17/24 00:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.04		mg/Kg			04/17/24 00:02	1

Client Sample ID: SW-12A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-47
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 14:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/16/24 11:46	04/17/24 14:04	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/16/24 11:46	04/17/24 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/16/24 11:46	04/17/24 14:04	1
1,4-Difluorobenzene (Surr)	77		70 - 130	04/16/24 11:46	04/17/24 14:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/17/24 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	239		50.1		mg/Kg			04/17/24 00:21	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	<50.1	U	50.1		mg/Kg		04/16/24 09:23	04/17/24 00:21	1
Diesel Range Organics (Over C10-C28)	239		50.1		mg/Kg		04/16/24 09:23	04/17/24 00:21	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-12A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-47
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/24 09:23	04/17/24 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				04/16/24 09:23	04/17/24 00:21	1
o-Terphenyl	110		70 - 130				04/16/24 09:23	04/17/24 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7590		50.4		mg/Kg			04/17/24 00:07	10

Client Sample ID: SW-13A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-48
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:46	04/17/24 14:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:46	04/17/24 14:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:46	04/17/24 14:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/16/24 11:46	04/17/24 14:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/16/24 11:46	04/17/24 14:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/16/24 11:46	04/17/24 14:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/16/24 11:46	04/17/24 14:25	1
1,4-Difluorobenzene (Surr)	87		70 - 130				04/16/24 11:46	04/17/24 14:25	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			04/17/24 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	<50.4	U	50.4		mg/Kg			04/17/24 00:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/16/24 09:23	04/17/24 00:42	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/16/24 09:23	04/17/24 00:42	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:23	04/17/24 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	158	S1+	70 - 130				04/16/24 09:23	04/17/24 00:42	1
o-Terphenyl	133	S1+	70 - 130				04/16/24 09:23	04/17/24 00:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2890		24.9		mg/Kg			04/17/24 00:21	5

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-14A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-49
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 14:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 14:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 14:45	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/16/24 11:46	04/17/24 14:45	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/16/24 11:46	04/17/24 14:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/16/24 11:46	04/17/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/16/24 11:46	04/17/24 14:45	1
1,4-Difluorobenzene (Surr)	80		70 - 130				04/16/24 11:46	04/17/24 14:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/17/24 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/17/24 01:03	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	<50.5	U	50.5		mg/Kg		04/16/24 09:23	04/17/24 01:03	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/16/24 09:23	04/17/24 01:03	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/16/24 09:23	04/17/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				04/16/24 09:23	04/17/24 01:03	1
o-Terphenyl	101		70 - 130				04/16/24 09:23	04/17/24 01:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		25.0		mg/Kg			04/17/24 00:26	5

Client Sample ID: SW-39A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-50
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 15:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 15:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 15:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/16/24 11:46	04/17/24 15:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/16/24 11:46	04/17/24 15:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/16/24 11:46	04/17/24 15:06	1
1,4-Difluorobenzene (Surr)	89		70 - 130				04/16/24 11:46	04/17/24 15:06	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-39A

Lab Sample ID: 890-6478-50

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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			04/17/24 15:06	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			04/17/24 01:25	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	<50.0	U	50.0		mg/Kg		04/16/24 09:23	04/17/24 01:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 09:23	04/17/24 01:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:23	04/17/24 01:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	04/16/24 09:23	04/17/24 01:25	1
o-Terphenyl	108		70 - 130	04/16/24 09:23	04/17/24 01:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	255		5.03		mg/Kg			04/17/24 00:31	1

Client Sample ID: SW-18A

Lab Sample ID: 890-6478-51

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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		04/16/24 11:46	04/17/24 16:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:46	04/17/24 16:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:46	04/17/24 16:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/16/24 11:46	04/17/24 16:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/16/24 11:46	04/17/24 16:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/16/24 11:46	04/17/24 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	04/16/24 11:46	04/17/24 16:33	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/16/24 11:46	04/17/24 16:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/17/24 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/24 02:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 02:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 02:07	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-18A

Lab Sample ID: 890-6478-51

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 02:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				04/16/24 09:23	04/17/24 02:07	1
o-Terphenyl	104		70 - 130				04/16/24 09:23	04/17/24 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	242		4.98		mg/Kg			04/17/24 00:36	1

Client Sample ID: SW-23A

Lab Sample ID: 890-6478-53

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 17:15	1
Ethylbenzene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 17:15	1
Toluene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 17:15	1
Xylenes, Total	<1.80	U	1.80		mg/Kg		04/16/24 11:46	04/17/24 17:15	1
m-Xylene & p-Xylene	<1.80	U	1.80		mg/Kg		04/16/24 11:46	04/17/24 17:15	1
o-Xylene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				04/16/24 11:46	04/17/24 17:15	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/16/24 11:46	04/17/24 17:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.80	U	1.80		mg/Kg			04/17/24 17:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/17/24 02:49	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		04/16/24 09:23	04/17/24 02:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 02:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				04/16/24 09:23	04/17/24 02:49	1
o-Terphenyl	107		70 - 130				04/16/24 09:23	04/17/24 02:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135	F1	5.01		mg/Kg			04/17/24 00:45	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-30A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-54
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:36	1
Ethylbenzene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:36	1
Toluene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:36	1
Xylenes, Total	<1.82	U	1.82		mg/Kg		04/16/24 11:46	04/17/24 17:36	1
m-Xylene & p-Xylene	<1.82	U	1.82		mg/Kg		04/16/24 11:46	04/17/24 17:36	1
o-Xylene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	04/16/24 11:46	04/17/24 17:36	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/16/24 11:46	04/17/24 17:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.82	U	1.82		mg/Kg			04/17/24 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/17/24 03:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/16/24 09:23	04/17/24 03:10	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/16/24 09:23	04/17/24 03:10	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/16/24 09:23	04/17/24 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	04/16/24 09:23	04/17/24 03:10	1
o-Terphenyl	109		70 - 130	04/16/24 09:23	04/17/24 03:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		4.99		mg/Kg			04/17/24 01:00	1

Client Sample ID: SW-31A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-55
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:56	1
Ethylbenzene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:56	1
Toluene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:56	1
Xylenes, Total	<1.82	U	1.82		mg/Kg		04/16/24 11:46	04/17/24 17:56	1
m-Xylene & p-Xylene	<1.82	U	1.82		mg/Kg		04/16/24 11:46	04/17/24 17:56	1
o-Xylene	<0.909	U	0.909		mg/Kg		04/16/24 11:46	04/17/24 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	04/16/24 11:46	04/17/24 17:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/16/24 11:46	04/17/24 17:56	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-31A

Lab Sample ID: 890-6478-55

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.82	U	1.82		mg/Kg			04/17/24 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/17/24 03:31	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	50.4		mg/Kg		04/16/24 09:23	04/17/24 03:31	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/16/24 09:23	04/17/24 03:31	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/16/24 09:23	04/17/24 03:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	04/16/24 09:23	04/17/24 03:31	1
o-Terphenyl	109		70 - 130	04/16/24 09:23	04/17/24 03:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	486		5.03		mg/Kg			04/17/24 01:05	1

Client Sample ID: SW-32A

Lab Sample ID: 890-6478-56

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 18:17	1
Ethylbenzene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 18:17	1
Toluene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 18:17	1
Xylenes, Total	<1.80	U	1.80		mg/Kg		04/16/24 11:46	04/17/24 18:17	1
m-Xylene & p-Xylene	<1.80	U	1.80		mg/Kg		04/16/24 11:46	04/17/24 18:17	1
o-Xylene	<0.902	U	0.902		mg/Kg		04/16/24 11:46	04/17/24 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/16/24 11:46	04/17/24 18:17	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/16/24 11:46	04/17/24 18:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.80	U	1.80		mg/Kg			04/17/24 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.8		50.5		mg/Kg			04/17/24 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/16/24 09:23	04/17/24 03:52	1
Diesel Range Organics (Over C10-C28)	75.8		50.5		mg/Kg		04/16/24 09:23	04/17/24 03:52	1

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Client Sample Results

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-32A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-56
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/16/24 09:23	04/17/24 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	154	S1+	70 - 130				04/16/24 09:23	04/17/24 03:52	1
o-Terphenyl	130		70 - 130				04/16/24 09:23	04/17/24 03:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3590		49.5		mg/Kg			04/18/24 18:41	10

Client Sample ID: SW-36A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-57
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.905	U	0.905		mg/Kg		04/16/24 11:46	04/17/24 18:37	1
Ethylbenzene	<0.905	U	0.905		mg/Kg		04/16/24 11:46	04/17/24 18:37	1
Toluene	<0.905	U	0.905		mg/Kg		04/16/24 11:46	04/17/24 18:37	1
Xylenes, Total	<1.81	U	1.81		mg/Kg		04/16/24 11:46	04/17/24 18:37	1
m-Xylene & p-Xylene	<1.81	U	1.81		mg/Kg		04/16/24 11:46	04/17/24 18:37	1
o-Xylene	<0.905	U	0.905		mg/Kg		04/16/24 11:46	04/17/24 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				04/16/24 11:46	04/17/24 18:37	1
1,4-Difluorobenzene (Surr)	80		70 - 130				04/16/24 11:46	04/17/24 18:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.81	U	1.81		mg/Kg			04/17/24 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	281		49.8		mg/Kg			04/17/24 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/16/24 09:23	04/17/24 04:13	1
Diesel Range Organics (Over C10-C28)	281		49.8		mg/Kg		04/16/24 09:23	04/17/24 04:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/16/24 09:23	04/17/24 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				04/16/24 09:23	04/17/24 04:13	1
o-Terphenyl	106		70 - 130				04/16/24 09:23	04/17/24 04:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	772		5.04		mg/Kg			04/17/24 01:24	1

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Client Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-37A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-58
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.913	U	0.913		mg/Kg		04/16/24 11:46	04/17/24 18:57	1
Ethylbenzene	<0.913	U	0.913		mg/Kg		04/16/24 11:46	04/17/24 18:57	1
Toluene	<0.913	U	0.913		mg/Kg		04/16/24 11:46	04/17/24 18:57	1
Xylenes, Total	<1.83	U	1.83		mg/Kg		04/16/24 11:46	04/17/24 18:57	1
m-Xylene & p-Xylene	<1.83	U	1.83		mg/Kg		04/16/24 11:46	04/17/24 18:57	1
o-Xylene	<0.913	U	0.913		mg/Kg		04/16/24 11:46	04/17/24 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	04/16/24 11:46	04/17/24 18:57	1
1,4-Difluorobenzene (Surr)	75		70 - 130	04/16/24 11:46	04/17/24 18:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.83	U	1.83		mg/Kg			04/17/24 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	513		50.0		mg/Kg			04/17/24 04:34	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	<50.0	U	50.0		mg/Kg		04/16/24 09:23	04/17/24 04:34	1
Diesel Range Organics (Over C10-C28)	513		50.0		mg/Kg		04/16/24 09:23	04/17/24 04:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:23	04/17/24 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	04/16/24 09:23	04/17/24 04:34	1
o-Terphenyl	107		70 - 130	04/16/24 09:23	04/17/24 04:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		4.96		mg/Kg			04/17/24 01:29	1

Client Sample ID: SW-38A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-59
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.916	U	0.916		mg/Kg		04/16/24 11:46	04/17/24 19:18	1
Ethylbenzene	<0.916	U	0.916		mg/Kg		04/16/24 11:46	04/17/24 19:18	1
Toluene	<0.916	U	0.916		mg/Kg		04/16/24 11:46	04/17/24 19:18	1
Xylenes, Total	<1.83	U	1.83		mg/Kg		04/16/24 11:46	04/17/24 19:18	1
m-Xylene & p-Xylene	<1.83	U	1.83		mg/Kg		04/16/24 11:46	04/17/24 19:18	1
o-Xylene	<0.916	U	0.916		mg/Kg		04/16/24 11:46	04/17/24 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	04/16/24 11:46	04/17/24 19:18	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/16/24 11:46	04/17/24 19:18	1

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Client Sample Results

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-38A

Lab Sample ID: 890-6478-59

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<1.83	U	1.83		mg/Kg			04/17/24 19:18	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			04/17/24 04:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 04:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 04:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/16/24 09:23	04/17/24 04:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	04/16/24 09:23	04/17/24 04:55	1
o-Terphenyl	100		70 - 130	04/16/24 09:23	04/17/24 04:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		4.96		mg/Kg			04/17/24 01:34	1

Surrogate Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

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)
880-42547-A-1-A MS	Matrix Spike	86	86
880-42547-A-1-B MSD	Matrix Spike Duplicate	106	93
890-6478-1	CS-20A	93	90
890-6478-1 MS	CS-20A	90	97
890-6478-1 MSD	CS-20A	84	93
890-6478-2	CS-21A	97	90
890-6478-3	CS-24A	94	83
890-6478-4	CS-28A	106	93
890-6478-5	CS-29A	106	85
890-6478-6	CS-33A	114	92
890-6478-6 MS	CS-33A	112	104
890-6478-6 MSD	CS-33A	113	103
890-6478-7	CS-34A	110	90
890-6478-8	CS-37A	114	91
890-6478-9	CS-42A	114	90
890-6478-10	CS-43A	117	93
890-6478-11	CS-47A	116	91
890-6478-12	CS-49A	116	93
890-6478-13	CS-57A	112	90
890-6478-14	CS-60A	114	91
890-6478-15	CS-61A	115	90
890-6478-16	CS-64A	111	91
890-6478-17	CS-65A	114	92
890-6478-18	CS-66A	113	90
890-6478-19	CS-79A	113	92
890-6478-20	CS-82A	115	91
890-6478-21	CS-98A	112	90
890-6478-21 MS	CS-98A	113	99
890-6478-21 MSD	CS-98A	113	102
890-6478-22	CS-99A	112	90
890-6478-23	CS-107	114	90
890-6478-24	CS-108	113	90
890-6478-25	CS-109	114	90
890-6478-26	CS-110	113	91
890-6478-27	SW-47	113	90
890-6478-28	SW-48	114	92
890-6478-29	SW-49	113	91
890-6478-30	SW-50	115	92
890-6478-31	SW-51	111	90
890-6478-32	SW-52	112	90
890-6478-33	SW-53	115	92
890-6478-34	SW-54	114	90
890-6478-35	SW-55	114	90
890-6478-36	SW-56	115	91
890-6478-37	SW-57	117	92
890-6478-38	SW-58	116	92
890-6478-39	SW-59	114	92
890-6478-40	SW-60	115	92
890-6478-41	SW-61	85	87

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Surrogate Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-6478-41 MS	SW-61	123	96
890-6478-41 MSD	SW-61	118	127
890-6478-42	SW-62	99	89
890-6478-43	SW-63	100	84
890-6478-44	SW-64	100	90
890-6478-45	SW-65	85	94
890-6478-46	SW-9A	96	87
890-6478-47	SW-12A	93	77
890-6478-48	SW-13A	89	87
890-6478-49	SW-14A	93	80
890-6478-50	SW-39A	93	89
890-6478-51	SW-18A	79	97
890-6478-53	SW-23A	85	93
890-6478-54	SW-30A	84	95
890-6478-55	SW-31A	85	95
890-6478-56	SW-32A	88	84
890-6478-57	SW-36A	94	80
890-6478-58	SW-37A	82	75
890-6478-59	SW-38A	82	80
LCS 880-78381/1-A	Lab Control Sample	97	102
LCS 880-78382/1-A	Lab Control Sample	110	95
LCS 880-78383/1-A	Lab Control Sample	114	94
LCS 880-78476/1-A	Lab Control Sample	112	102
LCS 880-78968/1-A	Lab Control Sample	84	91
LCSD 880-78381/2-A	Lab Control Sample Dup	102	105
LCSD 880-78382/2-A	Lab Control Sample Dup	111	100
LCSD 880-78383/2-A	Lab Control Sample Dup	123	126
LCSD 880-78476/2-A	Lab Control Sample Dup	112	103
LCSD 880-78968/2-A	Lab Control Sample Dup	94	97
MB 880-78365/5-A	Method Blank	113	89
MB 880-78381/5-A	Method Blank	61 S1-	85
MB 880-78382/5-A	Method Blank	109	87
MB 880-78383/5-A	Method Blank	80	93
MB 880-78476/5-A	Method Blank	112	88
MB 880-78478/5-A	Method Blank	112	88
MB 880-78968/5-A	Method Blank	159 S1+	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-6478-1	CS-20A	110	92
890-6478-1 MS	CS-20A	131 S1+	100
890-6478-1 MSD	CS-20A	118	88
890-6478-2	CS-21A	116	93

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Surrogate Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-6478-3	CS-24A	108	89
890-6478-4	CS-28A	137 S1+	115
890-6478-5	CS-29A	107	91
890-6478-6	CS-33A	101	84
890-6478-7	CS-34A	126	104
890-6478-8	CS-37A	119	94
890-6478-9	CS-42A	126	106
890-6478-10	CS-43A	148 S1+	120
890-6478-11	CS-47A	129	108
890-6478-12	CS-49A	118	99
890-6478-13	CS-57A	144 S1+	123
890-6478-14	CS-60A	137 S1+	114
890-6478-15	CS-61A	140 S1+	111
890-6478-16	CS-64A	133 S1+	107
890-6478-17	CS-65A	141 S1+	117
890-6478-18	CS-66A	125	105
890-6478-19	CS-79A	126	104
890-6478-20	CS-82A	125	107
890-6478-21	CS-98A	105	111
890-6478-21 MS	CS-98A	104	100
890-6478-21 MSD	CS-98A	108	103
890-6478-22	CS-99A	89	91
890-6478-23	CS-107	102	107
890-6478-24	CS-108	70	70
890-6478-25	CS-109	100	104
890-6478-26	CS-110	49 S1-	47 S1-
890-6478-27	SW-47	64 S1-	65 S1-
890-6478-28	SW-48	97	102
890-6478-29	SW-49	83	88
890-6478-30	SW-50	111	119
890-6478-31	SW-51	89	92
890-6478-32	SW-52	105	109
890-6478-33	SW-53	104	110
890-6478-34	SW-54	114	118
890-6478-35	SW-55	117	119
890-6478-36	SW-56	110	118
890-6478-37	SW-57	127	123
890-6478-38	SW-58	118	113
890-6478-39	SW-59	120	114
890-6478-40	SW-60	114	110
890-6478-41	SW-61	131 S1+	106
890-6478-41 MS	SW-61	127	96
890-6478-41 MSD	SW-61	125	97
890-6478-42	SW-62	128	109
890-6478-43	SW-63	134 S1+	113
890-6478-44	SW-64	137 S1+	114
890-6478-45	SW-65	144 S1+	120
890-6478-46	SW-9A	121	102
890-6478-47	SW-12A	136 S1+	110
890-6478-48	SW-13A	158 S1+	133 S1+

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Surrogate Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

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)
890-6478-49	SW-14A	120	101
890-6478-50	SW-39A	130	108
890-6478-51	SW-18A	125	104
890-6478-53	SW-23A	126	107
890-6478-54	SW-30A	133 S1+	109
890-6478-55	SW-31A	134 S1+	109
890-6478-56	SW-32A	154 S1+	130
890-6478-57	SW-36A	128	106
890-6478-58	SW-37A	125	107
890-6478-59	SW-38A	119	100
LCS 880-78360/2-A	Lab Control Sample	117	121
LCS 880-78362/2-A	Lab Control Sample	98	110
LCS 880-78364/2-A	Lab Control Sample	92	96
LCSD 880-78360/3-A	Lab Control Sample Dup	117	117
LCSD 880-78362/3-A	Lab Control Sample Dup	100	113
LCSD 880-78364/3-A	Lab Control Sample Dup	100	100
MB 880-78360/1-A	Method Blank	128	112
MB 880-78362/1-A	Method Blank	95	108
MB 880-78364/1-A	Method Blank	151 S1+	125

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

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

QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-78365/5-A
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 10:08	04/16/24 15:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 10:08	04/16/24 15:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 10:08	04/16/24 15:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/24 10:08	04/16/24 15:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/24 10:08	04/16/24 15:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 10:08	04/16/24 15:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/16/24 10:08	04/16/24 15:01	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/16/24 10:08	04/16/24 15:01	1

Lab Sample ID: MB 880-78381/5-A
Matrix: Solid
Analysis Batch: 77572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78381

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 15:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 15:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 15:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/24 11:43	04/16/24 15:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/24 11:43	04/16/24 15:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:43	04/16/24 15:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	04/16/24 11:43	04/16/24 15:47	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/16/24 11:43	04/16/24 15:47	1

Lab Sample ID: LCS 880-78381/1-A
Matrix: Solid
Analysis Batch: 77572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78381

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09173		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09486		mg/Kg		95	70 - 130
Toluene	0.100	0.08771		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1947		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09552		mg/Kg		96	70 - 130

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

Lab Sample ID: LCSD 880-78381/2-A
Matrix: Solid
Analysis Batch: 77572

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78381

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09782		mg/Kg		98	70 - 130	6	35

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: LCSD 880-78381/2-A
Matrix: Solid
Analysis Batch: 77572

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78381

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130	9	35
Toluene	0.100	0.1044		mg/Kg		104	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.2103		mg/Kg		105	70 - 130	8	35
o-Xylene	0.100	0.1045		mg/Kg		104	70 - 130	9	35

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

Lab Sample ID: 890-6478-1 MS
Matrix: Solid
Analysis Batch: 77572

Client Sample ID: CS-20A
Prep Type: Total/NA
Prep Batch: 78381

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09215		mg/Kg		91	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09421		mg/Kg		94	70 - 130
Toluene	<0.00200	U	0.100	0.09504		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1930		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.100	0.09550		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-6478-1 MSD
Matrix: Solid
Analysis Batch: 77572

Client Sample ID: CS-20A
Prep Type: Total/NA
Prep Batch: 78381

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08174		mg/Kg		81	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.100	0.08646		mg/Kg		86	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.08663		mg/Kg		87	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1780		mg/Kg		89	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.08937		mg/Kg		89	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-78382/5-A
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78382

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 01:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 01:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 01:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/24 11:45	04/17/24 01:55	1

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: MB 880-78382/5-A
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78382

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/24 11:45	04/17/24 01:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:45	04/17/24 01:55	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		70 - 130	04/16/24 11:45	04/17/24 01:55	1
1,4-Difluorobenzene (Surr)	87		70 - 130	04/16/24 11:45	04/17/24 01:55	1

Lab Sample ID: LCS 880-78382/1-A
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.100	0.09643		mg/Kg		96	70 - 130
Toluene	0.100	0.09772		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1947		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09871		mg/Kg		99	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-78382/2-A
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78382

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.1093		mg/Kg		109	70 - 130	6	35
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130	8	35
Toluene	0.100	0.1035		mg/Kg		104	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2093		mg/Kg		105	70 - 130	7	35
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130	6	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-6478-21 MS
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: CS-98A
Prep Type: Total/NA
Prep Batch: 78382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09639		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.09224		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1943		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09571		mg/Kg		96	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: 890-6478-21 MS
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: CS-98A
Prep Type: Total/NA
Prep Batch: 78382

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-6478-21 MSD
Matrix: Solid
Analysis Batch: 78320

Client Sample ID: CS-98A
Prep Type: Total/NA
Prep Batch: 78382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1045		mg/Kg		104	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.1054		mg/Kg		105	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.1009		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2121		mg/Kg		106	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.1047		mg/Kg		105	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-78383/5-A
Matrix: Solid
Analysis Batch: 78438

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 11:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 11:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 11:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/16/24 11:46	04/17/24 11:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/16/24 11:46	04/17/24 11:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/16/24 11:46	04/17/24 11:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	04/16/24 11:46	04/17/24 11:40	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/16/24 11:46	04/17/24 11:40	1

Lab Sample ID: LCS 880-78383/1-A
Matrix: Solid
Analysis Batch: 78438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09451		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1283		mg/Kg		128	70 - 130
Toluene	0.100	0.1111		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2587		mg/Kg		129	70 - 130
o-Xylene	0.100	0.1246		mg/Kg		125	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: LCS 880-78383/1-A
Matrix: Solid
Analysis Batch: 78438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78383

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

Lab Sample ID: LCSD 880-78383/2-A
Matrix: Solid
Analysis Batch: 78438

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09692		mg/Kg		97	70 - 130	3	35
Ethylbenzene	0.100	0.1182		mg/Kg		118	70 - 130	8	35
Toluene	0.100	0.1011		mg/Kg		101	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2404		mg/Kg		120	70 - 130	7	35
o-Xylene	0.100	0.1171		mg/Kg		117	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	126		70 - 130

Lab Sample ID: 890-6478-41 MS
Matrix: Solid
Analysis Batch: 78438

Client Sample ID: SW-61
Prep Type: Total/NA
Prep Batch: 78383

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09112		mg/Kg		91	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1067		mg/Kg		107	70 - 130
Toluene	<0.00200	U	0.100	0.09339		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1543		mg/Kg		77	70 - 130
o-Xylene	<0.00200	U	0.100	0.1064		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-6478-41 MSD
Matrix: Solid
Analysis Batch: 78438

Client Sample ID: SW-61
Prep Type: Total/NA
Prep Batch: 78383

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08756		mg/Kg		88	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09459		mg/Kg		95	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.08460		mg/Kg		85	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1186	F1	mg/Kg		59	70 - 130	26	35
o-Xylene	<0.00200	U	0.100	0.09024		mg/Kg		90	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	127		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: MB 880-78476/5-A
Matrix: Solid
Analysis Batch: 78472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 00:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 00:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 00:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/17/24 11:06	04/18/24 00:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/17/24 11:06	04/18/24 00:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:06	04/18/24 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/17/24 11:06	04/18/24 00:57	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/17/24 11:06	04/18/24 00:57	1

Lab Sample ID: LCS 880-78476/1-A
Matrix: Solid
Analysis Batch: 78472

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1069		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.1009		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2063		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-78476/2-A
Matrix: Solid
Analysis Batch: 78472

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78476

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1107		mg/Kg		111	70 - 130	3	35
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130	3	35
Toluene	0.100	0.1045		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2118		mg/Kg		106	70 - 130	3	35
o-Xylene	0.100	0.1068		mg/Kg		107	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-6478-6 MS
Matrix: Solid
Analysis Batch: 78472

Client Sample ID: CS-33A
Prep Type: Total/NA
Prep Batch: 78476

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.1165		mg/Kg		116	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.1117		mg/Kg		111	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: 890-6478-6 MS
Matrix: Solid
Analysis Batch: 78472

Client Sample ID: CS-33A
Prep Type: Total/NA
Prep Batch: 78476

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	<0.00199	U	0.101	0.1110		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2244		mg/Kg		111	70 - 130
o-Xylene	<0.00199	U	0.101	0.1123		mg/Kg		111	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-6478-6 MSD
Matrix: Solid
Analysis Batch: 78472

Client Sample ID: CS-33A
Prep Type: Total/NA
Prep Batch: 78476

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.1107		mg/Kg		111	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.0998	0.1057		mg/Kg		106	70 - 130	5	35
Toluene	<0.00199	U	0.0998	0.1049		mg/Kg		105	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2134		mg/Kg		107	70 - 130	5	35
o-Xylene	<0.00199	U	0.0998	0.1075		mg/Kg		108	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-78478/5-A
Matrix: Solid
Analysis Batch: 78472

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78478

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:11	04/17/24 14:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:11	04/17/24 14:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:11	04/17/24 14:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/17/24 11:11	04/17/24 14:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/17/24 11:11	04/17/24 14:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/17/24 11:11	04/17/24 14:02	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/17/24 11:11	04/17/24 14:02	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/17/24 11:11	04/17/24 14:02	1

Lab Sample ID: MB 880-78968/5-A
Matrix: Solid
Analysis Batch: 79014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/24 15:28	04/23/24 11:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/24 15:28	04/23/24 11:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/24 15:28	04/23/24 11:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/24 15:28	04/23/24 11:48	1

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: MB 880-78968/5-A
Matrix: Solid
Analysis Batch: 79014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78968

Analyte	MB MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/24 15:28	04/23/24 11:48		1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/24 15:28	04/23/24 11:48		1	

Surrogate	MB MB		Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier						
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	04/22/24 15:28	04/23/24 11:48			1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/22/24 15:28	04/23/24 11:48			1

Lab Sample ID: LCS 880-78968/1-A
Matrix: Solid
Analysis Batch: 79014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Benzene	0.100	0.08414		mg/Kg		84	70 - 130	
Ethylbenzene	0.100	0.07798		mg/Kg		78	70 - 130	
Toluene	0.100	0.08229		mg/Kg		82	70 - 130	
m-Xylene & p-Xylene	0.200	0.1597		mg/Kg		80	70 - 130	
o-Xylene	0.100	0.07910		mg/Kg		79	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-78968/2-A
Matrix: Solid
Analysis Batch: 79014

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Benzene	0.100	0.08932		mg/Kg		89	70 - 130	6	35	
Ethylbenzene	0.100	0.08346		mg/Kg		83	70 - 130	7	35	
Toluene	0.100	0.08941		mg/Kg		89	70 - 130	8	35	
m-Xylene & p-Xylene	0.200	0.1714		mg/Kg		86	70 - 130	7	35	
o-Xylene	0.100	0.08456		mg/Kg		85	70 - 130	7	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-42547-A-1-A MS
Matrix: Solid
Analysis Batch: 79014

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	
Benzene	<0.00199	U F1	0.100	0.06691	F1	mg/Kg		66	70 - 130	
Ethylbenzene	<0.00199	U F1	0.100	0.05738	F1	mg/Kg		57	70 - 130	
Toluene	<0.00199	U F1	0.100	0.06600	F1	mg/Kg		64	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1128	F1	mg/Kg		56	70 - 130	
o-Xylene	<0.00199	U F1	0.100	0.05695	F1	mg/Kg		57	70 - 130	

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: 880-42547-A-1-A MS
Matrix: Solid
Analysis Batch: 79014

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78968

Surrogate	%Recovery	MS MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 880-42547-A-1-B MSD
Matrix: Solid
Analysis Batch: 79014

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 78968

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	0.07422		mg/Kg		74	70 - 130	10	35
Ethylbenzene	<0.00199	U F1	0.100	0.06048	F1	mg/Kg		60	70 - 130	5	35
Toluene	<0.00199	U F1	0.100	0.06782	F1	mg/Kg		66	70 - 130	3	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1183	F1	mg/Kg		59	70 - 130	5	35
o-Xylene	<0.00199	U F1	0.100	0.06004	F1	mg/Kg		60	70 - 130	5	35

Surrogate	%Recovery	MSD MSD Qualifier	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 880-78360/1-A
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78360

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		04/16/24 09:15	04/16/24 09:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 09:15	04/16/24 09:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:15	04/16/24 09:17	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	04/16/24 09:15	04/16/24 09:17	1
o-Terphenyl	112		70 - 130	04/16/24 09:15	04/16/24 09:17	1

Lab Sample ID: LCS 880-78360/2-A
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1017		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1157		mg/Kg		116	70 - 130

Surrogate	%Recovery	LCS LCS Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	121		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: LCSD 880-78360/3-A
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78360

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	1164		mg/Kg		116	70 - 130	13	20	
Diesel Range Organics (Over C10-C28)	1000	1136		mg/Kg		114	70 - 130	2	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier	Limits						
1-Chlorooctane		117		70 - 130						
o-Terphenyl		117		70 - 130						

Lab Sample ID: 890-6478-1 MS
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: CS-20A
Prep Type: Total/NA
Prep Batch: 78360

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F2	1010	913.3		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1087		mg/Kg		106	70 - 130
		MS	MS						
Surrogate		%Recovery	Qualifier	Limits					
1-Chlorooctane		131	S1+	70 - 130					
o-Terphenyl		100		70 - 130					

Lab Sample ID: 890-6478-1 MSD
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: CS-20A
Prep Type: Total/NA
Prep Batch: 78360

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F2	1010	1264	F2	mg/Kg		124	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	984.5		mg/Kg		95	70 - 130	10	20
		MSD	MSD								
Surrogate		%Recovery	Qualifier	Limits							
1-Chlorooctane		118		70 - 130							
o-Terphenyl		88		70 - 130							

Lab Sample ID: MB 880-78362/1-A
Matrix: Solid
Analysis Batch: 78313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78362

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		04/16/24 08:00	04/16/24 09:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 08:00	04/16/24 09:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 08:00	04/16/24 09:17	1

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: MB 880-78362/1-A
Matrix: Solid
Analysis Batch: 78313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78362

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	95		70 - 130	04/16/24 08:00	04/16/24 09:17	1
o-Terphenyl	108		70 - 130	04/16/24 08:00	04/16/24 09:17	1

Lab Sample ID: LCS 880-78362/2-A
Matrix: Solid
Analysis Batch: 78313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1165		mg/Kg		116	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	98		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-78362/3-A
Matrix: Solid
Analysis Batch: 78313

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78362

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits	RPD	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1072		mg/Kg		107	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)	1000	1160		mg/Kg		116	70 - 130	11	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: 890-6478-21 MS
Matrix: Solid
Analysis Batch: 78313

Client Sample ID: CS-98A
Prep Type: Total/NA
Prep Batch: 78362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1128		mg/Kg		110	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	847.2		mg/Kg		80	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	104		70 - 130
o-Terphenyl	100		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: 890-6478-21 MSD
Matrix: Solid
Analysis Batch: 78313

Client Sample ID: CS-98A
Prep Type: Total/NA
Prep Batch: 78362

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1172		mg/Kg		114	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	881.1		mg/Kg		83	70 - 130	4	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	103		70 - 130								

Lab Sample ID: MB 880-78364/1-A
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78364

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		04/16/24 09:23	04/16/24 20:30	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/16/24 09:23	04/16/24 20:30	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/16/24 09:23	04/16/24 20:30	1	
Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	151	S1+	70 - 130	04/16/24 09:23	04/16/24 20:30	1				
o-Terphenyl	125		70 - 130	04/16/24 09:23	04/16/24 20:30	1				

Lab Sample ID: LCS 880-78364/2-A
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	941.1		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	916.6		mg/Kg		92	70 - 130		
Surrogate	%Recovery	LCS Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: LCSD 880-78364/3-A
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78364

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	936.7		mg/Kg		94	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	983.6		mg/Kg		98	70 - 130	7	20

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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

Lab Sample ID: LCSD 880-78364/3-A
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78364

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

Lab Sample ID: 890-6478-41 MS
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: SW-61
Prep Type: Total/NA
Prep Batch: 78364

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1010	885.5		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	101		1010	1083		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 890-6478-41 MSD
Matrix: Solid
Analysis Batch: 78311

Client Sample ID: SW-61
Prep Type: Total/NA
Prep Batch: 78364

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	<49.6	U	1010	845.8		mg/Kg		80	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	101		1010	1084		mg/Kg		97	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	97		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78368/1-A
Matrix: Solid
Analysis Batch: 78400

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/16/24 17:45	1

Lab Sample ID: LCS 880-78368/2-A
Matrix: Solid
Analysis Batch: 78400

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.1		mg/Kg		102	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-78368/3-A
Matrix: Solid
Analysis Batch: 78400

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	254.9		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-42229-A-7-F MS
Matrix: Solid
Analysis Batch: 78400

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	7.30		248	264.1		mg/Kg		104	90 - 110

Lab Sample ID: 880-42229-A-7-G MSD
Matrix: Solid
Analysis Batch: 78400

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	7.30		248	264.1		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-78294/1-A
Matrix: Solid
Analysis Batch: 78403

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/16/24 21:49	1

Lab Sample ID: LCS 880-78294/2-A
Matrix: Solid
Analysis Batch: 78403

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-78294/3-A
Matrix: Solid
Analysis Batch: 78403

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.6		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-42168-A-121-F MS
Matrix: Solid
Analysis Batch: 78403

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	1250		250	1430	4	mg/Kg		71	90 - 110

Lab Sample ID: 880-42168-A-121-G MSD
Matrix: Solid
Analysis Batch: 78403

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	1250		250	1429	4	mg/Kg		71	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-42168-A-131-E MS
Matrix: Solid
Analysis Batch: 78403

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	1380		1240	2712		mg/Kg		107	90 - 110

Lab Sample ID: 880-42168-A-131-F MSD
Matrix: Solid
Analysis Batch: 78403

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	1380		1240	2709		mg/Kg		107	90 - 110	0	20

Lab Sample ID: MB 880-78296/1-A
Matrix: Solid
Analysis Batch: 78415

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/17/24 02:08	1

Lab Sample ID: LCS 880-78296/2-A
Matrix: Solid
Analysis Batch: 78415

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-78296/3-A
Matrix: Solid
Analysis Batch: 78415

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.6		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-6478-23 MS
Matrix: Solid
Analysis Batch: 78415

Client Sample ID: CS-107
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	52.7		249	323.5		mg/Kg		109	90 - 110

Lab Sample ID: 890-6478-23 MSD
Matrix: Solid
Analysis Batch: 78415

Client Sample ID: CS-107
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	52.7		249	324.3		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-6478-33 MS
Matrix: Solid
Analysis Batch: 78415

Client Sample ID: SW-53
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3660	F1	1250	5326	F1	mg/Kg		133	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-6478-33 MSD
Matrix: Solid
Analysis Batch: 78415

Client Sample ID: SW-53
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3660	F1	1250	5325	F1	mg/Kg		133	90 - 110	0	20

Lab Sample ID: MB 880-78297/1-A
Matrix: Solid
Analysis Batch: 78423

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/16/24 23:23	1

Lab Sample ID: LCS 880-78297/2-A
Matrix: Solid
Analysis Batch: 78423

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.6		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-78297/3-A
Matrix: Solid
Analysis Batch: 78423

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: 890-6478-43 MS
Matrix: Solid
Analysis Batch: 78423

Client Sample ID: SW-63
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2440	F1	1250	3967	F1	mg/Kg		123	90 - 110

Lab Sample ID: 890-6478-43 MSD
Matrix: Solid
Analysis Batch: 78423

Client Sample ID: SW-63
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2440	F1	1250	3978	F1	mg/Kg		124	90 - 110	0	20

Lab Sample ID: 890-6478-53 MS
Matrix: Solid
Analysis Batch: 78423

Client Sample ID: SW-23A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	135	F1	251	526.8	F1	mg/Kg		157	90 - 110

Lab Sample ID: 890-6478-53 MSD
Matrix: Solid
Analysis Batch: 78423

Client Sample ID: SW-23A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	135	F1	251	527.5	F1	mg/Kg		157	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78414/1-A
Matrix: Solid
Analysis Batch: 78461

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/17/24 14:00	1

Lab Sample ID: LCS 880-78414/2-A
Matrix: Solid
Analysis Batch: 78461

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-78414/3-A
Matrix: Solid
Analysis Batch: 78461

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	240.2		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-42238-A-11-B MS
Matrix: Solid
Analysis Batch: 78461

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	1280		1260	2562		mg/Kg		102	90 - 110

Lab Sample ID: 880-42238-A-11-C MSD
Matrix: Solid
Analysis Batch: 78461

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	1280		1260	2565		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC VOA

Analysis Batch: 77572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Total/NA	Solid	8021B	78381
890-6478-2	CS-21A	Total/NA	Solid	8021B	78381
890-6478-3	CS-24A	Total/NA	Solid	8021B	78381
890-6478-4	CS-28A	Total/NA	Solid	8021B	78381
MB 880-78381/5-A	Method Blank	Total/NA	Solid	8021B	78381
LCS 880-78381/1-A	Lab Control Sample	Total/NA	Solid	8021B	78381
LCSD 880-78381/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78381
890-6478-1 MS	CS-20A	Total/NA	Solid	8021B	78381
890-6478-1 MSD	CS-20A	Total/NA	Solid	8021B	78381

Analysis Batch: 78320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-21	CS-98A	Total/NA	Solid	8021B	78382
890-6478-22	CS-99A	Total/NA	Solid	8021B	78382
890-6478-23	CS-107	Total/NA	Solid	8021B	78382
890-6478-24	CS-108	Total/NA	Solid	8021B	78382
890-6478-25	CS-109	Total/NA	Solid	8021B	78382
890-6478-26	CS-110	Total/NA	Solid	8021B	78382
890-6478-27	SW-47	Total/NA	Solid	8021B	78382
890-6478-28	SW-48	Total/NA	Solid	8021B	78382
890-6478-29	SW-49	Total/NA	Solid	8021B	78382
890-6478-30	SW-50	Total/NA	Solid	8021B	78382
890-6478-31	SW-51	Total/NA	Solid	8021B	78382
890-6478-32	SW-52	Total/NA	Solid	8021B	78382
890-6478-33	SW-53	Total/NA	Solid	8021B	78382
890-6478-34	SW-54	Total/NA	Solid	8021B	78382
890-6478-35	SW-55	Total/NA	Solid	8021B	78382
890-6478-36	SW-56	Total/NA	Solid	8021B	78382
890-6478-37	SW-57	Total/NA	Solid	8021B	78382
890-6478-38	SW-58	Total/NA	Solid	8021B	78382
890-6478-39	SW-59	Total/NA	Solid	8021B	78382
890-6478-40	SW-60	Total/NA	Solid	8021B	78382
MB 880-78365/5-A	Method Blank	Total/NA	Solid	8021B	78365
MB 880-78382/5-A	Method Blank	Total/NA	Solid	8021B	78382
LCS 880-78382/1-A	Lab Control Sample	Total/NA	Solid	8021B	78382
LCSD 880-78382/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78382
890-6478-21 MS	CS-98A	Total/NA	Solid	8021B	78382
890-6478-21 MSD	CS-98A	Total/NA	Solid	8021B	78382

Prep Batch: 78365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78365/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 78381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Total/NA	Solid	5035	
890-6478-2	CS-21A	Total/NA	Solid	5035	
890-6478-3	CS-24A	Total/NA	Solid	5035	
890-6478-4	CS-28A	Total/NA	Solid	5035	
MB 880-78381/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78381/1-A	Lab Control Sample	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC VOA (Continued)

Prep Batch: 78381 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-78381/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6478-1 MS	CS-20A	Total/NA	Solid	5035	
890-6478-1 MSD	CS-20A	Total/NA	Solid	5035	

Prep Batch: 78382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-21	CS-98A	Total/NA	Solid	5035	
890-6478-22	CS-99A	Total/NA	Solid	5035	
890-6478-23	CS-107	Total/NA	Solid	5035	
890-6478-24	CS-108	Total/NA	Solid	5035	
890-6478-25	CS-109	Total/NA	Solid	5035	
890-6478-26	CS-110	Total/NA	Solid	5035	
890-6478-27	SW-47	Total/NA	Solid	5035	
890-6478-28	SW-48	Total/NA	Solid	5035	
890-6478-29	SW-49	Total/NA	Solid	5035	
890-6478-30	SW-50	Total/NA	Solid	5035	
890-6478-31	SW-51	Total/NA	Solid	5035	
890-6478-32	SW-52	Total/NA	Solid	5035	
890-6478-33	SW-53	Total/NA	Solid	5035	
890-6478-34	SW-54	Total/NA	Solid	5035	
890-6478-35	SW-55	Total/NA	Solid	5035	
890-6478-36	SW-56	Total/NA	Solid	5035	
890-6478-37	SW-57	Total/NA	Solid	5035	
890-6478-38	SW-58	Total/NA	Solid	5035	
890-6478-39	SW-59	Total/NA	Solid	5035	
890-6478-40	SW-60	Total/NA	Solid	5035	
MB 880-78382/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78382/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78382/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6478-21 MS	CS-98A	Total/NA	Solid	5035	
890-6478-21 MSD	CS-98A	Total/NA	Solid	5035	

Prep Batch: 78383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-41	SW-61	Total/NA	Solid	5035	
890-6478-42	SW-62	Total/NA	Solid	5035	
890-6478-43	SW-63	Total/NA	Solid	5035	
890-6478-44	SW-64	Total/NA	Solid	5035	
890-6478-45	SW-65	Total/NA	Solid	5035	
890-6478-46	SW-9A	Total/NA	Solid	5035	
890-6478-47	SW-12A	Total/NA	Solid	5035	
890-6478-48	SW-13A	Total/NA	Solid	5035	
890-6478-49	SW-14A	Total/NA	Solid	5035	
890-6478-50	SW-39A	Total/NA	Solid	5035	
890-6478-51	SW-18A	Total/NA	Solid	5035	
890-6478-53	SW-23A	Total/NA	Solid	5035	
890-6478-54	SW-30A	Total/NA	Solid	5035	
890-6478-55	SW-31A	Total/NA	Solid	5035	
890-6478-56	SW-32A	Total/NA	Solid	5035	
890-6478-57	SW-36A	Total/NA	Solid	5035	
890-6478-58	SW-37A	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC VOA (Continued)

Prep Batch: 78383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-59	SW-38A	Total/NA	Solid	5035	
MB 880-78383/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78383/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78383/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6478-41 MS	SW-61	Total/NA	Solid	5035	
890-6478-41 MSD	SW-61	Total/NA	Solid	5035	

Analysis Batch: 78438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-41	SW-61	Total/NA	Solid	8021B	78383
890-6478-42	SW-62	Total/NA	Solid	8021B	78383
890-6478-43	SW-63	Total/NA	Solid	8021B	78383
890-6478-44	SW-64	Total/NA	Solid	8021B	78383
890-6478-45	SW-65	Total/NA	Solid	8021B	78383
890-6478-46	SW-9A	Total/NA	Solid	8021B	78383
890-6478-47	SW-12A	Total/NA	Solid	8021B	78383
890-6478-48	SW-13A	Total/NA	Solid	8021B	78383
890-6478-49	SW-14A	Total/NA	Solid	8021B	78383
890-6478-50	SW-39A	Total/NA	Solid	8021B	78383
890-6478-51	SW-18A	Total/NA	Solid	8021B	78383
890-6478-53	SW-23A	Total/NA	Solid	8021B	78383
890-6478-54	SW-30A	Total/NA	Solid	8021B	78383
890-6478-55	SW-31A	Total/NA	Solid	8021B	78383
890-6478-56	SW-32A	Total/NA	Solid	8021B	78383
890-6478-57	SW-36A	Total/NA	Solid	8021B	78383
890-6478-58	SW-37A	Total/NA	Solid	8021B	78383
890-6478-59	SW-38A	Total/NA	Solid	8021B	78383
MB 880-78383/5-A	Method Blank	Total/NA	Solid	8021B	78383
LCS 880-78383/1-A	Lab Control Sample	Total/NA	Solid	8021B	78383
LCSD 880-78383/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78383
890-6478-41 MS	SW-61	Total/NA	Solid	8021B	78383
890-6478-41 MSD	SW-61	Total/NA	Solid	8021B	78383

Analysis Batch: 78472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-6	CS-33A	Total/NA	Solid	8021B	78476
890-6478-7	CS-34A	Total/NA	Solid	8021B	78476
890-6478-8	CS-37A	Total/NA	Solid	8021B	78476
890-6478-9	CS-42A	Total/NA	Solid	8021B	78476
890-6478-10	CS-43A	Total/NA	Solid	8021B	78476
890-6478-11	CS-47A	Total/NA	Solid	8021B	78476
890-6478-12	CS-49A	Total/NA	Solid	8021B	78476
890-6478-13	CS-57A	Total/NA	Solid	8021B	78476
890-6478-14	CS-60A	Total/NA	Solid	8021B	78476
890-6478-15	CS-61A	Total/NA	Solid	8021B	78476
890-6478-16	CS-64A	Total/NA	Solid	8021B	78476
890-6478-17	CS-65A	Total/NA	Solid	8021B	78476
890-6478-18	CS-66A	Total/NA	Solid	8021B	78476
890-6478-19	CS-79A	Total/NA	Solid	8021B	78476
890-6478-20	CS-82A	Total/NA	Solid	8021B	78476
MB 880-78476/5-A	Method Blank	Total/NA	Solid	8021B	78476

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QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC VOA (Continued)

Analysis Batch: 78472 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78478/5-A	Method Blank	Total/NA	Solid	8021B	78478
LCS 880-78476/1-A	Lab Control Sample	Total/NA	Solid	8021B	78476
LCSD 880-78476/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78476
890-6478-6 MS	CS-33A	Total/NA	Solid	8021B	78476
890-6478-6 MSD	CS-33A	Total/NA	Solid	8021B	78476

Prep Batch: 78476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-6	CS-33A	Total/NA	Solid	5035	
890-6478-7	CS-34A	Total/NA	Solid	5035	
890-6478-8	CS-37A	Total/NA	Solid	5035	
890-6478-9	CS-42A	Total/NA	Solid	5035	
890-6478-10	CS-43A	Total/NA	Solid	5035	
890-6478-11	CS-47A	Total/NA	Solid	5035	
890-6478-12	CS-49A	Total/NA	Solid	5035	
890-6478-13	CS-57A	Total/NA	Solid	5035	
890-6478-14	CS-60A	Total/NA	Solid	5035	
890-6478-15	CS-61A	Total/NA	Solid	5035	
890-6478-16	CS-64A	Total/NA	Solid	5035	
890-6478-17	CS-65A	Total/NA	Solid	5035	
890-6478-18	CS-66A	Total/NA	Solid	5035	
890-6478-19	CS-79A	Total/NA	Solid	5035	
890-6478-20	CS-82A	Total/NA	Solid	5035	
MB 880-78476/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78476/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78476/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6478-6 MS	CS-33A	Total/NA	Solid	5035	
890-6478-6 MSD	CS-33A	Total/NA	Solid	5035	

Prep Batch: 78478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-78478/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 78481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Total/NA	Solid	Total BTEX	
890-6478-2	CS-21A	Total/NA	Solid	Total BTEX	
890-6478-3	CS-24A	Total/NA	Solid	Total BTEX	
890-6478-4	CS-28A	Total/NA	Solid	Total BTEX	
890-6478-5	CS-29A	Total/NA	Solid	Total BTEX	
890-6478-6	CS-33A	Total/NA	Solid	Total BTEX	
890-6478-7	CS-34A	Total/NA	Solid	Total BTEX	
890-6478-8	CS-37A	Total/NA	Solid	Total BTEX	
890-6478-9	CS-42A	Total/NA	Solid	Total BTEX	
890-6478-10	CS-43A	Total/NA	Solid	Total BTEX	
890-6478-11	CS-47A	Total/NA	Solid	Total BTEX	
890-6478-12	CS-49A	Total/NA	Solid	Total BTEX	
890-6478-13	CS-57A	Total/NA	Solid	Total BTEX	
890-6478-14	CS-60A	Total/NA	Solid	Total BTEX	
890-6478-15	CS-61A	Total/NA	Solid	Total BTEX	
890-6478-16	CS-64A	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC VOA (Continued)

Analysis Batch: 78481 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-17	CS-65A	Total/NA	Solid	Total BTEX	
890-6478-18	CS-66A	Total/NA	Solid	Total BTEX	
890-6478-19	CS-79A	Total/NA	Solid	Total BTEX	
890-6478-20	CS-82A	Total/NA	Solid	Total BTEX	
890-6478-21	CS-98A	Total/NA	Solid	Total BTEX	
890-6478-22	CS-99A	Total/NA	Solid	Total BTEX	
890-6478-23	CS-107	Total/NA	Solid	Total BTEX	
890-6478-24	CS-108	Total/NA	Solid	Total BTEX	
890-6478-25	CS-109	Total/NA	Solid	Total BTEX	
890-6478-26	CS-110	Total/NA	Solid	Total BTEX	
890-6478-27	SW-47	Total/NA	Solid	Total BTEX	
890-6478-28	SW-48	Total/NA	Solid	Total BTEX	
890-6478-29	SW-49	Total/NA	Solid	Total BTEX	
890-6478-30	SW-50	Total/NA	Solid	Total BTEX	
890-6478-31	SW-51	Total/NA	Solid	Total BTEX	
890-6478-32	SW-52	Total/NA	Solid	Total BTEX	
890-6478-33	SW-53	Total/NA	Solid	Total BTEX	
890-6478-34	SW-54	Total/NA	Solid	Total BTEX	
890-6478-35	SW-55	Total/NA	Solid	Total BTEX	
890-6478-36	SW-56	Total/NA	Solid	Total BTEX	
890-6478-37	SW-57	Total/NA	Solid	Total BTEX	
890-6478-38	SW-58	Total/NA	Solid	Total BTEX	
890-6478-39	SW-59	Total/NA	Solid	Total BTEX	
890-6478-40	SW-60	Total/NA	Solid	Total BTEX	
890-6478-41	SW-61	Total/NA	Solid	Total BTEX	
890-6478-42	SW-62	Total/NA	Solid	Total BTEX	
890-6478-43	SW-63	Total/NA	Solid	Total BTEX	
890-6478-44	SW-64	Total/NA	Solid	Total BTEX	
890-6478-45	SW-65	Total/NA	Solid	Total BTEX	
890-6478-46	SW-9A	Total/NA	Solid	Total BTEX	
890-6478-47	SW-12A	Total/NA	Solid	Total BTEX	
890-6478-48	SW-13A	Total/NA	Solid	Total BTEX	
890-6478-49	SW-14A	Total/NA	Solid	Total BTEX	
890-6478-50	SW-39A	Total/NA	Solid	Total BTEX	
890-6478-51	SW-18A	Total/NA	Solid	Total BTEX	
890-6478-53	SW-23A	Total/NA	Solid	Total BTEX	
890-6478-54	SW-30A	Total/NA	Solid	Total BTEX	
890-6478-55	SW-31A	Total/NA	Solid	Total BTEX	
890-6478-56	SW-32A	Total/NA	Solid	Total BTEX	
890-6478-57	SW-36A	Total/NA	Solid	Total BTEX	
890-6478-58	SW-37A	Total/NA	Solid	Total BTEX	
890-6478-59	SW-38A	Total/NA	Solid	Total BTEX	

Prep Batch: 78968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-5	CS-29A	Total/NA	Solid	5035	
MB 880-78968/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-78968/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-78968/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-42547-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-42547-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC VOA

Analysis Batch: 79014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-5	CS-29A	Total/NA	Solid	8021B	78968
MB 880-78968/5-A	Method Blank	Total/NA	Solid	8021B	78968
LCS 880-78968/1-A	Lab Control Sample	Total/NA	Solid	8021B	78968
LCSD 880-78968/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	78968
880-42547-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	78968
880-42547-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	78968

GC Semi VOA

Analysis Batch: 78311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Total/NA	Solid	8015B NM	78360
890-6478-2	CS-21A	Total/NA	Solid	8015B NM	78360
890-6478-3	CS-24A	Total/NA	Solid	8015B NM	78360
890-6478-4	CS-28A	Total/NA	Solid	8015B NM	78360
890-6478-5	CS-29A	Total/NA	Solid	8015B NM	78360
890-6478-6	CS-33A	Total/NA	Solid	8015B NM	78360
890-6478-7	CS-34A	Total/NA	Solid	8015B NM	78360
890-6478-8	CS-37A	Total/NA	Solid	8015B NM	78360
890-6478-9	CS-42A	Total/NA	Solid	8015B NM	78360
890-6478-10	CS-43A	Total/NA	Solid	8015B NM	78360
890-6478-11	CS-47A	Total/NA	Solid	8015B NM	78360
890-6478-12	CS-49A	Total/NA	Solid	8015B NM	78360
890-6478-13	CS-57A	Total/NA	Solid	8015B NM	78360
890-6478-14	CS-60A	Total/NA	Solid	8015B NM	78360
890-6478-15	CS-61A	Total/NA	Solid	8015B NM	78360
890-6478-16	CS-64A	Total/NA	Solid	8015B NM	78360
890-6478-17	CS-65A	Total/NA	Solid	8015B NM	78360
890-6478-18	CS-66A	Total/NA	Solid	8015B NM	78360
890-6478-19	CS-79A	Total/NA	Solid	8015B NM	78360
890-6478-20	CS-82A	Total/NA	Solid	8015B NM	78360
890-6478-41	SW-61	Total/NA	Solid	8015B NM	78364
890-6478-42	SW-62	Total/NA	Solid	8015B NM	78364
890-6478-43	SW-63	Total/NA	Solid	8015B NM	78364
890-6478-44	SW-64	Total/NA	Solid	8015B NM	78364
890-6478-45	SW-65	Total/NA	Solid	8015B NM	78364
890-6478-46	SW-9A	Total/NA	Solid	8015B NM	78364
890-6478-47	SW-12A	Total/NA	Solid	8015B NM	78364
890-6478-48	SW-13A	Total/NA	Solid	8015B NM	78364
890-6478-49	SW-14A	Total/NA	Solid	8015B NM	78364
890-6478-50	SW-39A	Total/NA	Solid	8015B NM	78364
890-6478-51	SW-18A	Total/NA	Solid	8015B NM	78364
890-6478-53	SW-23A	Total/NA	Solid	8015B NM	78364
890-6478-54	SW-30A	Total/NA	Solid	8015B NM	78364
890-6478-55	SW-31A	Total/NA	Solid	8015B NM	78364
890-6478-56	SW-32A	Total/NA	Solid	8015B NM	78364
890-6478-57	SW-36A	Total/NA	Solid	8015B NM	78364
890-6478-58	SW-37A	Total/NA	Solid	8015B NM	78364
890-6478-59	SW-38A	Total/NA	Solid	8015B NM	78364
MB 880-78360/1-A	Method Blank	Total/NA	Solid	8015B NM	78360
MB 880-78364/1-A	Method Blank	Total/NA	Solid	8015B NM	78364

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC Semi VOA (Continued)

Analysis Batch: 78311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-78360/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78360
LCS 880-78364/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78364
LCSD 880-78360/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78360
LCSD 880-78364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78364
890-6478-1 MS	CS-20A	Total/NA	Solid	8015B NM	78360
890-6478-1 MSD	CS-20A	Total/NA	Solid	8015B NM	78360
890-6478-41 MS	SW-61	Total/NA	Solid	8015B NM	78364
890-6478-41 MSD	SW-61	Total/NA	Solid	8015B NM	78364

Analysis Batch: 78313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-21	CS-98A	Total/NA	Solid	8015B NM	78362
890-6478-22	CS-99A	Total/NA	Solid	8015B NM	78362
890-6478-23	CS-107	Total/NA	Solid	8015B NM	78362
890-6478-24	CS-108	Total/NA	Solid	8015B NM	78362
890-6478-25	CS-109	Total/NA	Solid	8015B NM	78362
890-6478-26	CS-110	Total/NA	Solid	8015B NM	78362
890-6478-27	SW-47	Total/NA	Solid	8015B NM	78362
890-6478-28	SW-48	Total/NA	Solid	8015B NM	78362
890-6478-29	SW-49	Total/NA	Solid	8015B NM	78362
890-6478-30	SW-50	Total/NA	Solid	8015B NM	78362
890-6478-31	SW-51	Total/NA	Solid	8015B NM	78362
890-6478-32	SW-52	Total/NA	Solid	8015B NM	78362
890-6478-33	SW-53	Total/NA	Solid	8015B NM	78362
890-6478-34	SW-54	Total/NA	Solid	8015B NM	78362
890-6478-35	SW-55	Total/NA	Solid	8015B NM	78362
890-6478-36	SW-56	Total/NA	Solid	8015B NM	78362
890-6478-37	SW-57	Total/NA	Solid	8015B NM	78362
890-6478-38	SW-58	Total/NA	Solid	8015B NM	78362
890-6478-39	SW-59	Total/NA	Solid	8015B NM	78362
890-6478-40	SW-60	Total/NA	Solid	8015B NM	78362
MB 880-78362/1-A	Method Blank	Total/NA	Solid	8015B NM	78362
LCS 880-78362/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	78362
LCSD 880-78362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	78362
890-6478-21 MS	CS-98A	Total/NA	Solid	8015B NM	78362
890-6478-21 MSD	CS-98A	Total/NA	Solid	8015B NM	78362

Prep Batch: 78360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Total/NA	Solid	8015NM Prep	
890-6478-2	CS-21A	Total/NA	Solid	8015NM Prep	
890-6478-3	CS-24A	Total/NA	Solid	8015NM Prep	
890-6478-4	CS-28A	Total/NA	Solid	8015NM Prep	
890-6478-5	CS-29A	Total/NA	Solid	8015NM Prep	
890-6478-6	CS-33A	Total/NA	Solid	8015NM Prep	
890-6478-7	CS-34A	Total/NA	Solid	8015NM Prep	
890-6478-8	CS-37A	Total/NA	Solid	8015NM Prep	
890-6478-9	CS-42A	Total/NA	Solid	8015NM Prep	
890-6478-10	CS-43A	Total/NA	Solid	8015NM Prep	
890-6478-11	CS-47A	Total/NA	Solid	8015NM Prep	
890-6478-12	CS-49A	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC Semi VOA (Continued)

Prep Batch: 78360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-13	CS-57A	Total/NA	Solid	8015NM Prep	
890-6478-14	CS-60A	Total/NA	Solid	8015NM Prep	
890-6478-15	CS-61A	Total/NA	Solid	8015NM Prep	
890-6478-16	CS-64A	Total/NA	Solid	8015NM Prep	
890-6478-17	CS-65A	Total/NA	Solid	8015NM Prep	
890-6478-18	CS-66A	Total/NA	Solid	8015NM Prep	
890-6478-19	CS-79A	Total/NA	Solid	8015NM Prep	
890-6478-20	CS-82A	Total/NA	Solid	8015NM Prep	
MB 880-78360/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78360/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78360/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6478-1 MS	CS-20A	Total/NA	Solid	8015NM Prep	
890-6478-1 MSD	CS-20A	Total/NA	Solid	8015NM Prep	

Prep Batch: 78362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-21	CS-98A	Total/NA	Solid	8015NM Prep	
890-6478-22	CS-99A	Total/NA	Solid	8015NM Prep	
890-6478-23	CS-107	Total/NA	Solid	8015NM Prep	
890-6478-24	CS-108	Total/NA	Solid	8015NM Prep	
890-6478-25	CS-109	Total/NA	Solid	8015NM Prep	
890-6478-26	CS-110	Total/NA	Solid	8015NM Prep	
890-6478-27	SW-47	Total/NA	Solid	8015NM Prep	
890-6478-28	SW-48	Total/NA	Solid	8015NM Prep	
890-6478-29	SW-49	Total/NA	Solid	8015NM Prep	
890-6478-30	SW-50	Total/NA	Solid	8015NM Prep	
890-6478-31	SW-51	Total/NA	Solid	8015NM Prep	
890-6478-32	SW-52	Total/NA	Solid	8015NM Prep	
890-6478-33	SW-53	Total/NA	Solid	8015NM Prep	
890-6478-34	SW-54	Total/NA	Solid	8015NM Prep	
890-6478-35	SW-55	Total/NA	Solid	8015NM Prep	
890-6478-36	SW-56	Total/NA	Solid	8015NM Prep	
890-6478-37	SW-57	Total/NA	Solid	8015NM Prep	
890-6478-38	SW-58	Total/NA	Solid	8015NM Prep	
890-6478-39	SW-59	Total/NA	Solid	8015NM Prep	
890-6478-40	SW-60	Total/NA	Solid	8015NM Prep	
MB 880-78362/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78362/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-78362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6478-21 MS	CS-98A	Total/NA	Solid	8015NM Prep	
890-6478-21 MSD	CS-98A	Total/NA	Solid	8015NM Prep	

Prep Batch: 78364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-41	SW-61	Total/NA	Solid	8015NM Prep	
890-6478-42	SW-62	Total/NA	Solid	8015NM Prep	
890-6478-43	SW-63	Total/NA	Solid	8015NM Prep	
890-6478-44	SW-64	Total/NA	Solid	8015NM Prep	
890-6478-45	SW-65	Total/NA	Solid	8015NM Prep	
890-6478-46	SW-9A	Total/NA	Solid	8015NM Prep	
890-6478-47	SW-12A	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC Semi VOA (Continued)

Prep Batch: 78364 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-48	SW-13A	Total/NA	Solid	8015NM Prep	
890-6478-49	SW-14A	Total/NA	Solid	8015NM Prep	
890-6478-50	SW-39A	Total/NA	Solid	8015NM Prep	
890-6478-51	SW-18A	Total/NA	Solid	8015NM Prep	
890-6478-53	SW-23A	Total/NA	Solid	8015NM Prep	
890-6478-54	SW-30A	Total/NA	Solid	8015NM Prep	
890-6478-55	SW-31A	Total/NA	Solid	8015NM Prep	
890-6478-56	SW-32A	Total/NA	Solid	8015NM Prep	
890-6478-57	SW-36A	Total/NA	Solid	8015NM Prep	
890-6478-58	SW-37A	Total/NA	Solid	8015NM Prep	
890-6478-59	SW-38A	Total/NA	Solid	8015NM Prep	
MB 880-78364/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-78364/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-78364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6478-41 MS	SW-61	Total/NA	Solid	8015NM Prep	
890-6478-41 MSD	SW-61	Total/NA	Solid	8015NM Prep	

Analysis Batch: 78521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Total/NA	Solid	8015 NM	
890-6478-2	CS-21A	Total/NA	Solid	8015 NM	
890-6478-3	CS-24A	Total/NA	Solid	8015 NM	
890-6478-4	CS-28A	Total/NA	Solid	8015 NM	
890-6478-5	CS-29A	Total/NA	Solid	8015 NM	
890-6478-6	CS-33A	Total/NA	Solid	8015 NM	
890-6478-7	CS-34A	Total/NA	Solid	8015 NM	
890-6478-8	CS-37A	Total/NA	Solid	8015 NM	
890-6478-9	CS-42A	Total/NA	Solid	8015 NM	
890-6478-10	CS-43A	Total/NA	Solid	8015 NM	
890-6478-11	CS-47A	Total/NA	Solid	8015 NM	
890-6478-12	CS-49A	Total/NA	Solid	8015 NM	
890-6478-13	CS-57A	Total/NA	Solid	8015 NM	
890-6478-14	CS-60A	Total/NA	Solid	8015 NM	
890-6478-15	CS-61A	Total/NA	Solid	8015 NM	
890-6478-16	CS-64A	Total/NA	Solid	8015 NM	
890-6478-17	CS-65A	Total/NA	Solid	8015 NM	
890-6478-18	CS-66A	Total/NA	Solid	8015 NM	
890-6478-19	CS-79A	Total/NA	Solid	8015 NM	
890-6478-20	CS-82A	Total/NA	Solid	8015 NM	
890-6478-21	CS-98A	Total/NA	Solid	8015 NM	
890-6478-22	CS-99A	Total/NA	Solid	8015 NM	
890-6478-23	CS-107	Total/NA	Solid	8015 NM	
890-6478-24	CS-108	Total/NA	Solid	8015 NM	
890-6478-25	CS-109	Total/NA	Solid	8015 NM	
890-6478-26	CS-110	Total/NA	Solid	8015 NM	
890-6478-27	SW-47	Total/NA	Solid	8015 NM	
890-6478-28	SW-48	Total/NA	Solid	8015 NM	
890-6478-29	SW-49	Total/NA	Solid	8015 NM	
890-6478-30	SW-50	Total/NA	Solid	8015 NM	
890-6478-31	SW-51	Total/NA	Solid	8015 NM	
890-6478-32	SW-52	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

GC Semi VOA (Continued)

Analysis Batch: 78521 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-33	SW-53	Total/NA	Solid	8015 NM	
890-6478-34	SW-54	Total/NA	Solid	8015 NM	
890-6478-35	SW-55	Total/NA	Solid	8015 NM	
890-6478-36	SW-56	Total/NA	Solid	8015 NM	
890-6478-37	SW-57	Total/NA	Solid	8015 NM	
890-6478-38	SW-58	Total/NA	Solid	8015 NM	
890-6478-39	SW-59	Total/NA	Solid	8015 NM	
890-6478-40	SW-60	Total/NA	Solid	8015 NM	
890-6478-41	SW-61	Total/NA	Solid	8015 NM	
890-6478-42	SW-62	Total/NA	Solid	8015 NM	
890-6478-43	SW-63	Total/NA	Solid	8015 NM	
890-6478-44	SW-64	Total/NA	Solid	8015 NM	
890-6478-45	SW-65	Total/NA	Solid	8015 NM	
890-6478-46	SW-9A	Total/NA	Solid	8015 NM	
890-6478-47	SW-12A	Total/NA	Solid	8015 NM	
890-6478-48	SW-13A	Total/NA	Solid	8015 NM	
890-6478-49	SW-14A	Total/NA	Solid	8015 NM	
890-6478-50	SW-39A	Total/NA	Solid	8015 NM	
890-6478-51	SW-18A	Total/NA	Solid	8015 NM	
890-6478-53	SW-23A	Total/NA	Solid	8015 NM	
890-6478-54	SW-30A	Total/NA	Solid	8015 NM	
890-6478-55	SW-31A	Total/NA	Solid	8015 NM	
890-6478-56	SW-32A	Total/NA	Solid	8015 NM	
890-6478-57	SW-36A	Total/NA	Solid	8015 NM	
890-6478-58	SW-37A	Total/NA	Solid	8015 NM	
890-6478-59	SW-38A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 78294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-15	CS-61A	Soluble	Solid	DI Leach	
890-6478-16	CS-64A	Soluble	Solid	DI Leach	
890-6478-17	CS-65A	Soluble	Solid	DI Leach	
890-6478-18	CS-66A	Soluble	Solid	DI Leach	
890-6478-19	CS-79A	Soluble	Solid	DI Leach	
890-6478-20	CS-82A	Soluble	Solid	DI Leach	
890-6478-21	CS-98A	Soluble	Solid	DI Leach	
890-6478-22	CS-99A	Soluble	Solid	DI Leach	
MB 880-78294/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78294/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78294/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42168-A-121-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42168-A-121-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-42168-A-131-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42168-A-131-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 78296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-23	CS-107	Soluble	Solid	DI Leach	
890-6478-24	CS-108	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

HPLC/IC (Continued)

Leach Batch: 78296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-25	CS-109	Soluble	Solid	DI Leach	
890-6478-26	CS-110	Soluble	Solid	DI Leach	
890-6478-27	SW-47	Soluble	Solid	DI Leach	
890-6478-28	SW-48	Soluble	Solid	DI Leach	
890-6478-29	SW-49	Soluble	Solid	DI Leach	
890-6478-30	SW-50	Soluble	Solid	DI Leach	
890-6478-31	SW-51	Soluble	Solid	DI Leach	
890-6478-32	SW-52	Soluble	Solid	DI Leach	
890-6478-33	SW-53	Soluble	Solid	DI Leach	
890-6478-34	SW-54	Soluble	Solid	DI Leach	
890-6478-35	SW-55	Soluble	Solid	DI Leach	
890-6478-36	SW-56	Soluble	Solid	DI Leach	
890-6478-37	SW-57	Soluble	Solid	DI Leach	
890-6478-38	SW-58	Soluble	Solid	DI Leach	
890-6478-39	SW-59	Soluble	Solid	DI Leach	
890-6478-40	SW-60	Soluble	Solid	DI Leach	
890-6478-41	SW-61	Soluble	Solid	DI Leach	
890-6478-42	SW-62	Soluble	Solid	DI Leach	
MB 880-78296/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78296/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78296/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6478-23 MS	CS-107	Soluble	Solid	DI Leach	
890-6478-23 MSD	CS-107	Soluble	Solid	DI Leach	
890-6478-33 MS	SW-53	Soluble	Solid	DI Leach	
890-6478-33 MSD	SW-53	Soluble	Solid	DI Leach	

Leach Batch: 78297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-43	SW-63	Soluble	Solid	DI Leach	
890-6478-44	SW-64	Soluble	Solid	DI Leach	
890-6478-45	SW-65	Soluble	Solid	DI Leach	
890-6478-46	SW-9A	Soluble	Solid	DI Leach	
890-6478-47	SW-12A	Soluble	Solid	DI Leach	
890-6478-48	SW-13A	Soluble	Solid	DI Leach	
890-6478-49	SW-14A	Soluble	Solid	DI Leach	
890-6478-50	SW-39A	Soluble	Solid	DI Leach	
890-6478-51	SW-18A	Soluble	Solid	DI Leach	
890-6478-53	SW-23A	Soluble	Solid	DI Leach	
890-6478-54	SW-30A	Soluble	Solid	DI Leach	
890-6478-55	SW-31A	Soluble	Solid	DI Leach	
890-6478-56	SW-32A	Soluble	Solid	DI Leach	
890-6478-57	SW-36A	Soluble	Solid	DI Leach	
890-6478-58	SW-37A	Soluble	Solid	DI Leach	
890-6478-59	SW-38A	Soluble	Solid	DI Leach	
MB 880-78297/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78297/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78297/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6478-43 MS	SW-63	Soluble	Solid	DI Leach	
890-6478-43 MSD	SW-63	Soluble	Solid	DI Leach	
890-6478-53 MS	SW-23A	Soluble	Solid	DI Leach	
890-6478-53 MSD	SW-23A	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

HPLC/IC

Leach Batch: 78368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Soluble	Solid	DI Leach	
890-6478-2	CS-21A	Soluble	Solid	DI Leach	
890-6478-3	CS-24A	Soluble	Solid	DI Leach	
890-6478-4	CS-28A	Soluble	Solid	DI Leach	
890-6478-5	CS-29A	Soluble	Solid	DI Leach	
890-6478-6	CS-33A	Soluble	Solid	DI Leach	
890-6478-7	CS-34A	Soluble	Solid	DI Leach	
MB 880-78368/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78368/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78368/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42229-A-7-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42229-A-7-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-1	CS-20A	Soluble	Solid	300.0	78368
890-6478-2	CS-21A	Soluble	Solid	300.0	78368
890-6478-3	CS-24A	Soluble	Solid	300.0	78368
890-6478-4	CS-28A	Soluble	Solid	300.0	78368
890-6478-5	CS-29A	Soluble	Solid	300.0	78368
890-6478-6	CS-33A	Soluble	Solid	300.0	78368
890-6478-7	CS-34A	Soluble	Solid	300.0	78368
MB 880-78368/1-A	Method Blank	Soluble	Solid	300.0	78368
LCS 880-78368/2-A	Lab Control Sample	Soluble	Solid	300.0	78368
LCSD 880-78368/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78368
880-42229-A-7-F MS	Matrix Spike	Soluble	Solid	300.0	78368
880-42229-A-7-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78368

Analysis Batch: 78403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-15	CS-61A	Soluble	Solid	300.0	78294
890-6478-16	CS-64A	Soluble	Solid	300.0	78294
890-6478-17	CS-65A	Soluble	Solid	300.0	78294
890-6478-18	CS-66A	Soluble	Solid	300.0	78294
890-6478-19	CS-79A	Soluble	Solid	300.0	78294
890-6478-20	CS-82A	Soluble	Solid	300.0	78294
890-6478-21	CS-98A	Soluble	Solid	300.0	78294
890-6478-22	CS-99A	Soluble	Solid	300.0	78294
MB 880-78294/1-A	Method Blank	Soluble	Solid	300.0	78294
LCS 880-78294/2-A	Lab Control Sample	Soluble	Solid	300.0	78294
LCSD 880-78294/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78294
880-42168-A-121-F MS	Matrix Spike	Soluble	Solid	300.0	78294
880-42168-A-121-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78294
880-42168-A-131-E MS	Matrix Spike	Soluble	Solid	300.0	78294
880-42168-A-131-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78294

Leach Batch: 78414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-8	CS-37A	Soluble	Solid	DI Leach	
890-6478-9	CS-42A	Soluble	Solid	DI Leach	
890-6478-10	CS-43A	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

HPLC/IC (Continued)

Leach Batch: 78414 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-11	CS-47A	Soluble	Solid	DI Leach	
890-6478-12	CS-49A	Soluble	Solid	DI Leach	
890-6478-13	CS-57A	Soluble	Solid	DI Leach	
890-6478-14	CS-60A	Soluble	Solid	DI Leach	
MB 880-78414/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78414/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78414/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-42238-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-42238-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 78415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-23	CS-107	Soluble	Solid	300.0	78296
890-6478-24	CS-108	Soluble	Solid	300.0	78296
890-6478-25	CS-109	Soluble	Solid	300.0	78296
890-6478-26	CS-110	Soluble	Solid	300.0	78296
890-6478-27	SW-47	Soluble	Solid	300.0	78296
890-6478-28	SW-48	Soluble	Solid	300.0	78296
890-6478-29	SW-49	Soluble	Solid	300.0	78296
890-6478-30	SW-50	Soluble	Solid	300.0	78296
890-6478-31	SW-51	Soluble	Solid	300.0	78296
890-6478-32	SW-52	Soluble	Solid	300.0	78296
890-6478-33	SW-53	Soluble	Solid	300.0	78296
890-6478-34	SW-54	Soluble	Solid	300.0	78296
890-6478-35	SW-55	Soluble	Solid	300.0	78296
890-6478-36	SW-56	Soluble	Solid	300.0	78296
890-6478-37	SW-57	Soluble	Solid	300.0	78296
890-6478-38	SW-58	Soluble	Solid	300.0	78296
890-6478-39	SW-59	Soluble	Solid	300.0	78296
890-6478-40	SW-60	Soluble	Solid	300.0	78296
890-6478-41	SW-61	Soluble	Solid	300.0	78296
890-6478-42	SW-62	Soluble	Solid	300.0	78296
MB 880-78296/1-A	Method Blank	Soluble	Solid	300.0	78296
LCS 880-78296/2-A	Lab Control Sample	Soluble	Solid	300.0	78296
LCSD 880-78296/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78296
890-6478-23 MS	CS-107	Soluble	Solid	300.0	78296
890-6478-23 MSD	CS-107	Soluble	Solid	300.0	78296
890-6478-33 MS	SW-53	Soluble	Solid	300.0	78296
890-6478-33 MSD	SW-53	Soluble	Solid	300.0	78296

Analysis Batch: 78423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-43	SW-63	Soluble	Solid	300.0	78297
890-6478-44	SW-64	Soluble	Solid	300.0	78297
890-6478-45	SW-65	Soluble	Solid	300.0	78297
890-6478-46	SW-9A	Soluble	Solid	300.0	78297
890-6478-47	SW-12A	Soluble	Solid	300.0	78297
890-6478-48	SW-13A	Soluble	Solid	300.0	78297
890-6478-49	SW-14A	Soluble	Solid	300.0	78297
890-6478-50	SW-39A	Soluble	Solid	300.0	78297
890-6478-51	SW-18A	Soluble	Solid	300.0	78297

Eurofins Carlsbad

QC Association Summary

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

HPLC/IC (Continued)

Analysis Batch: 78423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-53	SW-23A	Soluble	Solid	300.0	78297
890-6478-54	SW-30A	Soluble	Solid	300.0	78297
890-6478-55	SW-31A	Soluble	Solid	300.0	78297
890-6478-56	SW-32A	Soluble	Solid	300.0	78297
890-6478-57	SW-36A	Soluble	Solid	300.0	78297
890-6478-58	SW-37A	Soluble	Solid	300.0	78297
890-6478-59	SW-38A	Soluble	Solid	300.0	78297
MB 880-78297/1-A	Method Blank	Soluble	Solid	300.0	78297
LCS 880-78297/2-A	Lab Control Sample	Soluble	Solid	300.0	78297
LCSD 880-78297/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78297
890-6478-43 MS	SW-63	Soluble	Solid	300.0	78297
890-6478-43 MSD	SW-63	Soluble	Solid	300.0	78297
890-6478-53 MS	SW-23A	Soluble	Solid	300.0	78297
890-6478-53 MSD	SW-23A	Soluble	Solid	300.0	78297

Analysis Batch: 78461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6478-8	CS-37A	Soluble	Solid	300.0	78414
890-6478-9	CS-42A	Soluble	Solid	300.0	78414
890-6478-10	CS-43A	Soluble	Solid	300.0	78414
890-6478-11	CS-47A	Soluble	Solid	300.0	78414
890-6478-12	CS-49A	Soluble	Solid	300.0	78414
890-6478-13	CS-57A	Soluble	Solid	300.0	78414
890-6478-14	CS-60A	Soluble	Solid	300.0	78414
MB 880-78414/1-A	Method Blank	Soluble	Solid	300.0	78414
LCS 880-78414/2-A	Lab Control Sample	Soluble	Solid	300.0	78414
LCSD 880-78414/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78414
880-42238-A-11-B MS	Matrix Spike	Soluble	Solid	300.0	78414
880-42238-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	78414

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-20A

Lab Sample ID: 890-6478-1

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78381	04/16/24 11:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77572	04/16/24 16:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/16/24 16:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 11:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 11:51	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78368	04/16/24 10:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78400	04/16/24 19:41	SMC	EET MID

Client Sample ID: CS-21A

Lab Sample ID: 890-6478-2

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78381	04/16/24 11:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77572	04/16/24 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/16/24 16:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 12:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 12:56	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	78368	04/16/24 10:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78400	04/16/24 19:46	SMC	EET MID

Client Sample ID: CS-24A

Lab Sample ID: 890-6478-3

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78381	04/16/24 11:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77572	04/16/24 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/16/24 17:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 13:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 13:18	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	78368	04/16/24 10:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78400	04/16/24 19:51	SMC	EET MID

Client Sample ID: CS-28A

Lab Sample ID: 890-6478-4

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78381	04/16/24 11:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77572	04/16/24 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/16/24 17:32	SM	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-28A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			78521	04/16/24 13:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 13:40	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78368	04/16/24 10:27	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	78400	04/16/24 19:56	SMC	EET MID

Client Sample ID: CS-29A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	78968	04/22/24 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	79014	04/23/24 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/23/24 18:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 14:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 14:02	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	78368	04/16/24 10:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78400	04/16/24 20:00	SMC	EET MID

Client Sample ID: CS-33A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 01:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 14:24	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78368	04/16/24 10:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78400	04/16/24 20:05	SMC	EET MID

Client Sample ID: CS-34A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 01:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 14:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 14:46	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-34A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	78368	04/16/24 10:27	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78400	04/16/24 20:10	SMC	EET MID

Client Sample ID: CS-37A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 01:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 01:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 15:10	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78414	04/16/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78461	04/17/24 16:31	SMC	EET MID

Client Sample ID: CS-42A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 02:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 15:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78414	04/16/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78461	04/17/24 16:38	SMC	EET MID

Client Sample ID: CS-43A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 02:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 02:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 15:54	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 15:54	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78414	04/16/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78461	04/17/24 16:44	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-47A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 03:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 03:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 16:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 16:37	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78414	04/16/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78461	04/17/24 16:50	SMC	EET MID

Client Sample ID: CS-49A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-12
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			5.05 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 03:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 16:59	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 16:59	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	78414	04/16/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78461	04/17/24 16:57	SMC	EET MID

Client Sample ID: CS-57A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-13
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			5.00 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 03:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 17:21	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78414	04/16/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78461	04/17/24 17:03	SMC	EET MID

Client Sample ID: CS-60A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-14
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			5.02 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 04:02	SM	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-60A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			78521	04/16/24 17:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 17:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78414	04/16/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78461	04/17/24 17:09	SMC	EET MID

Client Sample ID: CS-61A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 04:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 04:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 18:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 18:04	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78403	04/17/24 00:02	SMC	EET MID

Client Sample ID: CS-64A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 05:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 05:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 18:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 18:25	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78403	04/17/24 00:21	SMC	EET MID

Client Sample ID: CS-65A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 06:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 06:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 18:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 18:46	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-65A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78403	04/17/24 00:27	SMC	EET MID

Client Sample ID: CS-66A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 06:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 06:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 19:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 19:06	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78403	04/17/24 00:33	SMC	EET MID

Client Sample ID: CS-79A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 06:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 06:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 19:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 19:27	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	78403	04/17/24 00:39	SMC	EET MID

Client Sample ID: CS-82A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	78476	04/17/24 11:06	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78472	04/18/24 07:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/18/24 07:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 19:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78360	04/16/24 09:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 19:48	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78403	04/17/24 00:46	SMC	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-98A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 02:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 02:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 11:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 11:51	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78403	04/17/24 00:52	SMC	EET MID

Client Sample ID: CS-99A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 02:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 02:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 12:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 12:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78294	04/16/24 12:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78403	04/17/24 00:58	SMC	EET MID

Client Sample ID: CS-107
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 02:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 02:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 13:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 13:18	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 02:22	SMC	EET MID

Client Sample ID: CS-108
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 03:18	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: CS-108
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			78521	04/16/24 13:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 13:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 02:37	SMC	EET MID

Client Sample ID: CS-109
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 03:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 03:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 14:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 14:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 02:41	SMC	EET MID

Client Sample ID: CS-110
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 03:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 14:24	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 02:46	SMC	EET MID

Client Sample ID: SW-47
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 04:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 04:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 14:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 14:46	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-47
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 02:51	SMC	EET MID

Client Sample ID: SW-48
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 04:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 04:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 15:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 03:06	SMC	EET MID

Client Sample ID: SW-49
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 05:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 05:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 15:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 03:10	SMC	EET MID

Client Sample ID: SW-50
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 05:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 05:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 15:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 15:54	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 03:15	SMC	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-51
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 06:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 06:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 16:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 16:37	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	78415	04/17/24 03:20	SMC	EET MID

Client Sample ID: SW-52
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 07:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 07:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 16:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 16:59	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	78415	04/17/24 03:25	SMC	EET MID

Client Sample ID: SW-53
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 07:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 07:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 17:21	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78415	04/17/24 03:30	SMC	EET MID

Client Sample ID: SW-54
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-34
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 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 07:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 07:55	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-54
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			78521	04/16/24 17:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 17:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	78415	04/17/24 03:44	SMC	EET MID

Client Sample ID: SW-55
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-35
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 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 08:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 08:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 18:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 18:04	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78415	04/17/24 03:49	SMC	EET MID

Client Sample ID: SW-56
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-36
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 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 08:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 08:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 18:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 18:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 04:03	SMC	EET MID

Client Sample ID: SW-57
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-37
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 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 08:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 08:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 18:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 18:46	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-57

Lab Sample ID: 890-6478-37

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 04:08	SMC	EET MID

Client Sample ID: SW-58

Lab Sample ID: 890-6478-38

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 09:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 09:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 19:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 19:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 04:13	SMC	EET MID

Client Sample ID: SW-59

Lab Sample ID: 890-6478-39

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 09:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 09:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 19:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 19:27	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 04:18	SMC	EET MID

Client Sample ID: SW-60

Lab Sample ID: 890-6478-40

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78382	04/16/24 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78320	04/17/24 09:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 09:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 19:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	78362	04/16/24 09:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78313	04/16/24 19:48	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 04:23	SMC	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-61
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-41
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	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 12:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 21:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 21:33	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78415	04/17/24 04:28	SMC	EET MID

Client Sample ID: SW-62
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-42
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	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 12:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 22:36	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	78296	04/15/24 17:12	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78415	04/17/24 04:32	SMC	EET MID

Client Sample ID: SW-63
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-43
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	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 12:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 22:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 22:57	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78423	04/16/24 23:38	SMC	EET MID

Client Sample ID: SW-64
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 13:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 13:03	SM	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-64
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			78521	04/16/24 23:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 23:18	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/16/24 23:52	SMC	EET MID

Client Sample ID: SW-65
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 13:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/16/24 23:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/16/24 23:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/16/24 23:57	SMC	EET MID

Client Sample ID: SW-9A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 13:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 13:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 00:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 00:00	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 00:02	SMC	EET MID

Client Sample ID: SW-12A
Date Collected: 04/12/24 00:00
Date Received: 04/12/24 14:56

Lab Sample ID: 890-6478-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 14:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 00:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 00:21	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Client Sample ID: SW-12A

Lab Sample ID: 890-6478-47

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	78423	04/17/24 00:07	SMC	EET MID

Client Sample ID: SW-13A

Lab Sample ID: 890-6478-48

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 14:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 14:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 00:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 00:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78423	04/17/24 00:21	SMC	EET MID

Client Sample ID: SW-14A

Lab Sample ID: 890-6478-49

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 14:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 14:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 01:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 01:03	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	78423	04/17/24 00:26	SMC	EET MID

Client Sample ID: SW-39A

Lab Sample ID: 890-6478-50

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 15:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 15:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 01:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 01:25	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 00:31	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-18A

Lab Sample ID: 890-6478-51

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 16:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 02:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 02:07	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 00:36	SMC	EET MID

Client Sample ID: SW-23A

Lab Sample ID: 890-6478-53

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 17:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 02:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 02:49	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 00:45	SMC	EET MID

Client Sample ID: SW-30A

Lab Sample ID: 890-6478-54

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 17:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 03:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 03:10	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 01:00	SMC	EET MID

Client Sample ID: SW-31A

Lab Sample ID: 890-6478-55

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 17:56	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-31A

Lab Sample ID: 890-6478-55

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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			78521	04/17/24 03:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 03:31	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 01:05	SMC	EET MID

Client Sample ID: SW-32A

Lab Sample ID: 890-6478-56

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 18:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 03:52	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 03:52	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	78423	04/18/24 18:41	SMC	EET MID

Client Sample ID: SW-36A

Lab Sample ID: 890-6478-57

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 18:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 04:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 04:13	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 01:24	SMC	EET MID

Client Sample ID: SW-37A

Lab Sample ID: 890-6478-58

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 18:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 04:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 04:34	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
 Project/Site: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Client Sample ID: SW-37A

Lab Sample ID: 890-6478-58

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 01:29	SMC	EET MID

Client Sample ID: SW-38A

Lab Sample ID: 890-6478-59

Date Collected: 04/12/24 00:00

Matrix: Solid

Date Received: 04/12/24 14:56

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 lb	78383	04/16/24 11:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	78438	04/17/24 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			78481	04/17/24 19:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			78521	04/17/24 04:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	78364	04/16/24 09:23	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	78311	04/17/24 04:55	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	78297	04/15/24 17:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	78423	04/17/24 01:34	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: Outland State

Job ID: 890-6478-1
SDG: Lea County

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	T104704400-23-26	06-30-24

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

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Method Summary

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

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: Outland State

Job ID: 890-6478-1
 SDG: Lea County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-6478-1	CS-20A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-2	CS-21A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-3	CS-24A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-4	CS-28A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-5	CS-29A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-6	CS-33A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-7	CS-34A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-8	CS-37A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-9	CS-42A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-10	CS-43A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-11	CS-47A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-12	CS-49A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-13	CS-57A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-14	CS-60A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-15	CS-61A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-16	CS-64A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-17	CS-65A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-18	CS-66A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-19	CS-79A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-20	CS-82A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-21	CS-98A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-22	CS-99A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-23	CS-107	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-24	CS-108	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-25	CS-109	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-26	CS-110	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-27	SW-47	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-28	SW-48	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-29	SW-49	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-30	SW-50	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-31	SW-51	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-32	SW-52	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-33	SW-53	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-34	SW-54	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-35	SW-55	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-36	SW-56	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-37	SW-57	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-38	SW-58	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-39	SW-59	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-40	SW-60	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-41	SW-61	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-42	SW-62	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-43	SW-63	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-44	SW-64	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-45	SW-65	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-46	SW-9A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-47	SW-12A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-48	SW-13A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-49	SW-14A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-50	SW-39A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-51	SW-18A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-53	SW-23A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-54	SW-30A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-55	SW-31A	Solid	04/12/24 00:00	04/12/24 14:56

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Sample Summary

Client: NT Global
Project/Site: Outland State

Job ID: 890-6478-1
SDG: Lea County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-6478-56	SW-32A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-57	SW-36A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-58	SW-37A	Solid	04/12/24 00:00	04/12/24 14:56
890-6478-59	SW-38A	Solid	04/12/24 00:00	04/12/24 14:56

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Chain of Custody

Work Order No: _____

Page 1 of 7

Project Manager: Becky Hasel
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:

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

Project Name: Outland State
 Project Number: 237863
 Project Location: Lea County
 Sampler's Name: Tyler Kimball

Turn Around: Routine Rush
 Due Date: TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 6

Thermometer ID: TMM007
 Correction Factor: -0.2
 Wet Ice: Yes No
 Temperature Reading: 6.6
 Corrected Temperature: -6.4



Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes
CS-20A	4/12/2024		X		Comp	1	BTEX 8021B	None: NO DI Water: H ₂ O
CS-21A	4/12/2024		X		Comp	1	TPH 8015M (GRO + DRO + MRO)	Cool: Cool MeOH: Me
CS-24A	4/12/2024		X		Comp	1	Chloride 300	HCL: HC HNO ₃ : HN
CS-28A	4/12/2024		X		Comp	1		H ₂ SO ₄ : H ₂ NaOH: Na
CS-29A	4/12/2024		X		Comp	1		H ₃ PO ₄ : HP NaHSO ₄ : NABIS
CS-33A	4/12/2024		X		Comp	1		Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn
CS-34A	4/12/2024		X		Comp	1		NaOH+Ascorbic Acid: S.A.P.C
CS-37A	4/12/2024		X		Comp	1		
CS-42A	4/12/2024		X		Comp	1		
CS-43A	4/12/2024		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
[Signature]	[Signature]	11/12/14 52	[Signature]	[Signature]	



Chain of Custody

Work Order No: _____

Page 5 of 7

Project Manager:	Becky Haskel	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Outland State	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237863	Due Date:			
Project Location:	Lea County	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Tyler Kimball	Wet Ice:	Yes No		
PO #:		Temp Blank:	Yes No		
SAMPLE RECEIPT		Thermometer ID:	Yes No		
Received Intact:	Yes No	Correction Factor:	Yes No		
Cooler Custody Seals:	Yes No N/A	Temperature Reading:	Yes No N/A		
Sample Custody Seals:	Yes No N/A	Corrected Temperature:			
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	
SW-60	4/12/2024		X		Comp	1	X	X	X	None: NO DI Water: H ₂ O
SW-61	4/12/2024		X		Comp	1	X	X	X	Cool: Cool MeOH: Me
SW-62	4/12/2024		X		Comp	1	X	X	X	HCL: HC HNO ₃ : HN
SW-63	4/12/2024		X		Comp	1	X	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
SW-64	4/12/2024		X		Comp	1	X	X	X	H ₃ PO ₄ : HP
SW-66	4/12/2024		X		Comp	1	X	X	X	NaHSO ₄ : NABIS
SW-9A	4/12/2024		X		Comp	1	X	X	X	Na ₂ S ₂ O ₅ : NaSO ₃
SW-12A	4/12/2024		X		Comp	1	X	X	X	Zn Acetate+NaOH: Zn
SW-13A	4/12/2024		X		Comp	1	X	X	X	NaOH+Ascorbic Acid: SAPP
SW-14A	4/12/2024		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



Chain of Custody

Work Order No: _____

Page 4 of 7

Project Manager:	Becky Haskel	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> RRC <input type="checkbox"/> Jupertund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Outland State	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237863	Due Date:			
Project Location:	Lea County	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Tyler Kimball				
PO #:					
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:			
Cooler Custody Seals:	Yes No N/A	Correction Factor:			
Sample Custody Seals:	Yes No N/A	Temperature Reading:			
Total Containers:	100 T/A	Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes
SW-50	4/12/2024		X		Comp	1	X		None: NO DI Water: H ₂ O
SW-51	4/12/2024		X		Comp	1	X		Cool: Cool MeOH: Me
SW-52	4/12/2024		X		Comp	1	X		HCL: HC HNO ₃ : HN
SW-53	4/12/2024		X		Comp	1	X		H ₂ SO ₄ : H ₂ NaOH: Na
SW-54	4/12/2024		X		Comp	1	X		H ₃ PO ₄ : HP
SW-55	4/12/2024		X		Comp	1	X		NaHSO ₄ : NABIS
SW-56	4/12/2024		X		Comp	1	X		Na ₂ S ₂ O ₅ : NaSO ₃
SW-57	4/12/2024		X		Comp	1	X		Zn Acetate-NaOH: Zn
SW-58	4/12/2024		X		Comp	1	X		NaOH+Ascorbic Acid: SAPC
SW-59	4/12/2024		X		Comp	1	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Chain of Custody

Work Order No: _____

Page 3 of 7

Project Manager: Becky Haskel
 Company Name: NTG Environmental
 Address: 402 E Wood Ave
 City, State ZIP: Carlsbad, NM 88220
 Phone: 254-266-5456

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:

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

Project Name: Outland State
 Project Number: 237863
 Project Location: Lea County
 Sampler's Name: Tyler Kimball
 PO #: _____

Turn Around: Routine Rush
 Due Date:
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Wet Ice: Yes No
 Thermometer ID:
 Correction Factor:
 Temperature Reading:
 Corrected Temperature:

Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 300

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
CS-98A	4/12/2024		X		Comp	1		None: NO DI Water: H ₂ O
CS-99A	4/12/2024		X		Comp	1		Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN
CS-105A	4/12/2024		X		Comp	1		H ₂ SO ₄ : H ₂ NaOH: Na
CS-107	4/12/2024		X		Comp	1		H ₃ PO ₄ : HP NaHSO ₄ : NABIS
CS-108	4/12/2024		X		Comp	1		Na ₂ S ₂ O ₅ : NaSO ₃
CS-109	4/12/2024		X		Comp	1		Zn Acetate+NaOH: Zn
CS-110	4/12/2024		X		Comp	1		NaOH+Ascorbic Acid: SAPC
SW-47	4/12/2024		X		Comp	1		
SW-48	4/12/2024		X		Comp	1		
SW-49	4/12/2024		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 _____



Chain of Custody

Work Order No: _____

Page 2 of 7

Project Manager:	Becky Haskel	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Permian Resources
Address:	402 E Wood Ave	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	254-266-5456	Email:	

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Outland State	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237863	Due Date:			
Project Location:	Lea County	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Tyler Kimball	Temp Blank:	Yes No	Wet Ice:	Yes No
PO #:		Received Intact:	Yes No	Thermometer ID:	
SAMPLE RECEIPT		Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Received Intact:		Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Cooler Custody Seals:		Total Containers:	Yes No N/A	Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	
CS-47A	4/12/2024		X		Comp	1	X	X	X	
CS-49A	4/12/2024		X		Comp	1	X	X	X	
CS-57A	4/12/2024		X		Comp	1	X	X	X	
CS-60A	4/12/2024		X		Comp	1	X	X	X	
CS-61A	4/12/2024		X		Comp	1	X	X	X	
CS-64A	4/12/2024		X		Comp	1	X	X	X	
CS-65A	4/12/2024		X		Comp	1	X	X	X	
CS-66A	4/12/2024		X		Comp	1	X	X	X	
CS-79A	4/12/2024		X		Comp	1	X	X	X	
CS-82A	4/12/2024		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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6478-1

SDG Number: Lea County

Login Number: 6478

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	
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	

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Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6478-1

SDG Number: Lea County

Login Number: 6478

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 04/16/24 08:16 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	

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 30, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 08/26/24 14:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW 47 B (H245177-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.01	100	2.00	8.22	
Toluene*	<0.050	0.050	08/27/2024	ND	2.04	102	2.00	7.61	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.09	104	2.00	7.14	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.35	106	6.00	7.35	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	188	94.0	200	3.41	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	199	99.4	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/26/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN - LEA CO NM		

Sample ID: NW1 (H245177-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	2.01	100	2.00	8.22	
Toluene*	<0.050	0.050	08/27/2024	ND	2.04	102	2.00	7.61	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.09	104	2.00	7.14	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.35	106	6.00	7.35	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	188	94.0	200	3.41	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	199	99.4	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476
 Etech Environmental & Safety Solutions, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.
 Project Manager: Robbie Runnels
 Address: 2617 West Marland
 City: Hobbs
 State: NM Zip: 88240
 Phone #: (575) 264-9884
 Project #: 20751
 Project Name: Outland 14-23 State 2BS 2H
 Project Location: 32.486037, -103.445132
 Sampler Name: Tania Felts
 P.O. #: _____
 Company: Permian Resources
 Attn: Montgomery Floyd
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H245177	1 SW 47 B	C	1			X				8/26/24		X	X	
	2 NW 1	C	1			X				8/26/24		X	X	

FOR LAB USE ONLY

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 8-26-24
 Received By: _____ Date: 8-26-24

Observed Temp. °C: -6.8
 Corrected Temp. °C: 7.4

Sample Condition: Intact Cool Yes No

Checked By: (Initials) _____

Turnaround Time: _____ Standard Rush

Thermometer ID #140
 Correction Factor -0.6°C

Bacteria (only) Cool Intact Yes No

Sample Condition Observed Temp. °C
 Corrected Temp. °C

Remarks: _____

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: pm@etechnv.com

Delivered By: (Circle One) _____
 - UPS - Bus - Other: _____

FORM-006 R 3.5 08/05/24

+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 30, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 08/27/24 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN - LEA CO NM		

Sample ID: FL 1 @ 10' (H245214-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2024	ND	2.11	106	2.00	4.12	
Toluene*	<0.050	0.050	08/29/2024	ND	1.98	99.1	2.00	4.59	
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.01	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/29/2024	ND	5.98	99.6	6.00	4.36	
Total BTEX	<0.300	0.300	08/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/29/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	195	97.5	200	7.40	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	189	94.7	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW 38 E (H245214-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/29/2024	ND	2.11	106	2.00	4.12		
Toluene*	<0.050	0.050	08/29/2024	ND	1.98	99.1	2.00	4.59		
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.01	101	2.00	4.46		
Total Xylenes*	<0.150	0.150	08/29/2024	ND	5.98	99.6	6.00	4.36		
Total BTEX	<0.300	0.300	08/29/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/29/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	195	97.5	200	7.40		
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	189	94.7	200	4.79		
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND						

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/27/2024	Sampling Date:	08/26/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Tamara Oldaker
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 61 B @ 6' (H245214-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2024	ND	2.11	106	2.00	4.12	
Toluene*	<0.050	0.050	08/29/2024	ND	1.98	99.1	2.00	4.59	
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.01	101	2.00	4.46	
Total Xylenes*	<0.150	0.150	08/29/2024	ND	5.98	99.6	6.00	4.36	
Total BTEX	<0.300	0.300	08/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/29/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	195	97.5	200	7.40	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	189	94.7	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.
Project Manager: Robbie Runnels
Address: 2617 West Marland
City: Hobbs **State:** NM **Zip:** 88240
Phone #: (575) 264-9884 **Fax #:**
Project #: 20751 **Project Owner:** Permian Resources
Project Name: Outland 14-23 State 2BS 2H
Project Location: 32.486037, -103.445132
Sampler Name: Tania Felts

BILL TO

P.O. #:
Company: Permian Resources
Attn: Montgomery Floyd
Address:
City:
State: **Zip:**
Phone #:
Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
HL5304	FL 1 @ 10'	C	1	X						8/26/24		X	X	X						
	2 SW 38 E	C	1	X						8/26/24		X	X	X						
	3 CS 61 B @ 6'	C	1	X						8/26/24		X	X	X						

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Relinquished By: [Signature]
Date: 8-27-24
Time: 1455
Received By: [Signature]
Date:
Time:
Observed Temp. °C: -3.8
Corrected Temp. °C: -4.4
Sample Condition: Cool Intact
 Yes No
Checked By: [Signature]
Turnaround Time: Standard Rush
Thermometer ID #140
Correction Factor -0.6°C
Remarks: Rush added 8/29/24
Verbal Result: Yes No **Add'l Phone #:**
All Results are emailed. Please provide Email address: pm@etechnv.com

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
FORM-006 R 3.5 08/05/24
 † Cardinal cannot accept verbal changes. Please email changes to celey.keeme@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 29, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 08/28/24 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/28/2024	Sampling Date:	08/27/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 43 B @ 10' (H245243-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.19	110	2.00	2.05	
Toluene*	<0.050	0.050	08/28/2024	ND	2.24	112	2.00	0.850	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.28	114	2.00	0.786	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.80	113	6.00	0.630	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/29/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	217	108	200	1.10	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	219	110	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 59.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/28/2024	Sampling Date:	08/27/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 47 B @ 7' (H245243-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	2.19	110	2.00	2.05		
Toluene*	<0.050	0.050	08/28/2024	ND	2.24	112	2.00	0.850		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.28	114	2.00	0.786		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.80	113	6.00	0.630		
Total BTEX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/29/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/28/2024	ND	222	111	200	0.583		
DRO >C10-C28*	<10.0	10.0	08/28/2024	ND	229	114	200	0.598		
EXT DRO >C28-C36	<10.0	10.0	08/28/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/28/2024	Sampling Date:	08/27/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 82 B @ 10' (H245243-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	2.19	110	2.00	2.05		
Toluene*	<0.050	0.050	08/28/2024	ND	2.24	112	2.00	0.850		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.28	114	2.00	0.786		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.80	113	6.00	0.630		
Total BTEX	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/29/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	222	111	200	0.583		
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	229	114	200	0.598		
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/28/2024	Sampling Date:	08/27/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW 52 A (H245243-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	2.19	110	2.00	2.05	
Toluene*	<0.050	0.050	08/28/2024	ND	2.24	112	2.00	0.850	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.28	114	2.00	0.786	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.80	113	6.00	0.630	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/29/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	222	111	200	0.583	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	229	114	200	0.598	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.
 Project Manager: Robbie Runnels
 Address: 2617 West Marland
 City: Hobbs
 Phone #: (575) 264-9884
 Project #: 20751
 Project Name: Outland 14-23 State 2BS 2H
 Project Location: 32.486037, -103.445132
 Sampler Name: Tania Felts

P.O. #: _____
 Company: Permian Resources
 Attn: Montgomery Floyd
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1245243	CS 43 B @ 10'	C	1	X						8/27/24		X	X	X
2	CS 47 B @ 7'	C	1	X						8/27/24		X	X	X
3	CS 82 B @ 10'	C	1	X						8/27/24		X	X	X
4	SW 52 A	C	1	X						8/27/24		X	X	X

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 08-20-24
 Received By: _____ Date: 8/20/24

Observed Temp. °C: 0.8
 Corrected Temp. °C: 7.4

Turnaround Time: Standard Rush

Bacteria (only) Sample Condition: Cool Intact Yes No

Delivered By: (Circle One) UPS - Bus - Other: _____

FOR LAB USE ONLY

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 30, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 08/29/24 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2024	Sampling Date:	08/28/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 79 B @ 11' (H245255-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2024	ND	1.92	95.9	2.00	15.7	
Toluene*	<0.050	0.050	08/29/2024	ND	2.03	102	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.25	112	2.00	5.04	
Total Xylenes*	<0.150	0.150	08/29/2024	ND	6.86	114	6.00	4.25	
Total BTEX	<0.300	0.300	08/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/29/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	204	102	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	195	97.7	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2024	Sampling Date:	08/28/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW 36 B (H245255-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2024	ND	1.92	95.9	2.00	15.7	
Toluene*	<0.050	0.050	08/29/2024	ND	2.03	102	2.00	10.6	
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.25	112	2.00	5.04	
Total Xylenes*	<0.150	0.150	08/29/2024	ND	6.86	114	6.00	4.25	
Total BTEX	<0.300	0.300	08/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/29/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	204	102	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	195	97.7	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2024	Sampling Date:	08/28/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW 37 B (H245255-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/29/2024	ND	1.92	95.9	2.00	15.7		
Toluene*	<0.050	0.050	08/29/2024	ND	2.03	102	2.00	10.6		
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.25	112	2.00	5.04		
Total Xylenes*	<0.150	0.150	08/29/2024	ND	6.86	114	6.00	4.25		
Total BTEX	<0.300	0.300	08/29/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/29/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2024	ND	204	102	200	1.54		
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	195	97.7	200	0.326		
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND						

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Etch Environmental & Safety Solutions, Inc.
 Project Manager: Robbie Runnels
 Address: 2617 West Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: (575) 264-9884 Fax #:
 Project #: 20751 Project Owner: Permian Resources
 Project Name: Outland 14-23 State 2BS 2H
 Project Location: 32.486037, -103.445132
 Sampler Name: Tania Felts

P.O. #: Company: Permian Resources
 Attn: Montgomery Floyd
 Address: City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H245255	CS 79 B @ 11'	C	1	X					8/28/24		X	X	X	
2	SW 36 B	C	1	X					8/28/24		X	X	X	
3	SW 37 B	C	1	X					8/28/24		X	X	X	

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Relinquished By: [Signature] Date: 8/20/24 Time: 8:15
 Received By: [Signature] Date: [] Time: []
 Corrected Temp. °C: -14.0

Delivered By: (Circle One) Observed Temp. °C: -14.0
 Sampler - UPS - Bus - Other: Corrected Temp. °C: -14.0
 Sample Condition: Cool Intact Yes No
 CHECKED BY: [Signature] (Initials)
 Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Observed Temp. °C: Corrected Temp. °C:

FORM-006 R 3.5 08/05/24

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 30, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 08/29/24 15:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2024	Sampling Date:	08/29/2024
Reported:	08/30/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW 61 B (H245284-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2024	ND	1.96	97.8	2.00	2.34	
Toluene*	<0.050	0.050	08/29/2024	ND	2.03	101	2.00	1.61	
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.07	104	2.00	0.00655	
Total Xylenes*	<0.150	0.150	08/29/2024	ND	6.43	107	6.00	0.556	
Total BTEX	<0.300	0.300	08/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/30/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/30/2024	ND	225	112	200	2.10	
DRO >C10-C28*	<10.0	10.0	08/30/2024	ND	230	115	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	08/30/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 11, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 09/06/24 8:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	09/06/2024	Sampling Date:	09/04/2024
Reported:	09/11/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Shalyn Rodriguez
Project Location:	PERMIAN - LEA CO NM		

Sample ID: MERCHANT OUTLAND PIT (H245395-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2024	ND	1.91	95.3	2.00	2.29	
Toluene*	<0.050	0.050	09/09/2024	ND	1.88	93.8	2.00	0.525	
Ethylbenzene*	<0.050	0.050	09/09/2024	ND	1.91	95.5	2.00	0.939	
Total Xylenes*	<0.150	0.150	09/09/2024	ND	5.69	94.9	6.00	0.901	
Total BTEX	<0.300	0.300	09/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/09/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2024	ND	202	101	200	1.39	
DRO >C10-C28*	<10.0	10.0	09/06/2024	ND	191	95.3	200	2.74	
EXT DRO >C28-C36	<10.0	10.0	09/06/2024	ND					

Surrogate: 1-Chlorooctane 58.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.5 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.
 Project Manager: Robbie Runnels
 Address: 2617 West Marland
 City: Hobbs State: NM Zip: 88240
 Phone #: (575) 264-9884 Fax #: Project Owner: Permian Resources
 Project #: 20751
 Project Name: Outland 14-23 State 2BS 2H
 Project Location: 32.486037, -103.445132
 Sampler Name: Robbie Runnels
 P.O. #: Company: Permian Resources
 Attn: Montgomery Floyd
 Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH (8015M)	BTEX (8021B)
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H945395	Merchant Outland Pit	C	1			X			9/4/24		X	X	X	

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Relinquished By: *[Signature]* Date: 9/24/24
 Received By: *[Signature]* Date: 08/17
 Relinquished By: *[Signature]* Date:
 Received By: *[Signature]* Date:
 Turnaround Time: Standard Rush
 Thermometer ID #140 Correction Factor -0.6°C
 Bacteria (only) Cool Intact
 Sample Condition Yes No

Delivered By: (Circle One) Observed Temp. °C -5.0°C
 Corrected Temp. °C -4.2°C
 Sampler - UPS - Bus - Other: Yes No
 CHECKED BY: *[Signature]*
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address: pm@etechnv.com
 REMARKS:
 FORM-006 R 3.5 08/05/24 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 16, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/14/24 15:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS - 98A @ 13' (H246242-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2024	ND	2.03	102	2.00	2.65	
Toluene*	0.083	0.050	10/15/2024	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/15/2024	ND	2.12	106	2.00	1.94	
Total Xylenes*	<0.150	0.150	10/15/2024	ND	6.35	106	6.00	1.59	
Total BTEX	<0.300	0.300	10/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/15/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09	
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS - 99A @ 12' (H246242-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/15/2024	ND	2.03	102	2.00	2.65		
Toluene*	<0.050	0.050	10/15/2024	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/15/2024	ND	2.12	106	2.00	1.94		
Total Xylenes*	<0.150	0.150	10/15/2024	ND	6.35	106	6.00	1.59		
Total BTEX	<0.300	0.300	10/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/15/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09		
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND						

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 111 @ 12' (H246242-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2024	ND	2.03	102	2.00	2.65	
Toluene*	<0.050	0.050	10/15/2024	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/15/2024	ND	2.12	106	2.00	1.94	
Total Xylenes*	<0.150	0.150	10/15/2024	ND	6.35	106	6.00	1.59	
Total BTEX	<0.300	0.300	10/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09	
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 112 @ 13' (H246242-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2024	ND	2.03	102	2.00	2.65	
Toluene*	<0.050	0.050	10/15/2024	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/15/2024	ND	2.12	106	2.00	1.94	
Total Xylenes*	<0.150	0.150	10/15/2024	ND	6.35	106	6.00	1.59	
Total BTEX	<0.300	0.300	10/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/15/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09	
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 113 @ 12' (H246242-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/15/2024	ND	2.03	102	2.00	2.65		
Toluene*	<0.050	0.050	10/15/2024	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/15/2024	ND	2.12	106	2.00	1.94		
Total Xylenes*	<0.150	0.150	10/15/2024	ND	6.35	106	6.00	1.59		
Total BTEX	<0.300	0.300	10/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/15/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09		
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND						

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 114 @ 12' (H246242-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2024	ND	2.03	102	2.00	2.65	
Toluene*	<0.050	0.050	10/15/2024	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/15/2024	ND	2.12	106	2.00	1.94	
Total Xylenes*	<0.150	0.150	10/15/2024	ND	6.35	106	6.00	1.59	
Total BTEX	<0.300	0.300	10/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/15/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09	
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS - 24B @ 5' (H246242-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2024	ND	2.03	102	2.00	2.65	
Toluene*	<0.050	0.050	10/16/2024	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/16/2024	ND	2.12	106	2.00	1.94	
Total Xylenes*	<0.150	0.150	10/16/2024	ND	6.35	106	6.00	1.59	
Total BTEX	<0.300	0.300	10/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/15/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09	
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS - 108 @ 2' (H246242-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/16/2024	ND	2.03	102	2.00	2.65		
Toluene*	<0.050	0.050	10/16/2024	ND	2.04	102	2.00	1.89		
Ethylbenzene*	<0.050	0.050	10/16/2024	ND	2.12	106	2.00	1.94		
Total Xylenes*	<0.150	0.150	10/16/2024	ND	6.35	106	6.00	1.59		
Total BTEX	<0.300	0.300	10/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	10/15/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09		
DRO >C10-C28*	13.8	10.0	10/15/2024	ND	199	99.7	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND						

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/14/2024	Sampling Date:	10/14/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW - 32 B (H246242-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2024	ND	2.03	102	2.00	2.65	
Toluene*	<0.050	0.050	10/16/2024	ND	2.04	102	2.00	1.89	
Ethylbenzene*	<0.050	0.050	10/16/2024	ND	2.12	106	2.00	1.94	
Total Xylenes*	<0.150	0.150	10/16/2024	ND	6.35	106	6.00	1.59	
Total BTEX	<0.300	0.300	10/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/15/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2024	ND	216	108	200	8.09	
DRO >C10-C28*	<10.0	10.0	10/15/2024	ND	199	99.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	10/15/2024	ND					

Surrogate: 1-Chlorooctane 60.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/2

BILL TO

ANALYSIS REQUEST

Company Name: **Etech Environmental Safety Solutions LLC**
 Project Manager: **Joel Lowery**
 Address: **2117 W Marland**
 City: **Hobbs** State: **NM** Zip: **88240**
 Phone #: **575-431-1366** Fax #: **575-393-2476**
 Project #: **20751** Project Owner: **Peruvian Resources**
 Project Name: **Dutland 14-23 State 2BS 2H**
 Project Location: **32.486037, -103.415132**
 Sampler Name: **Addison Elston**

P.O. #:
 Company: **Peruvian Resources**
 Attn:
 Address:
 City:
 State:
 Zip:
 Phone #:
 Fax #:
 PRESERV:
 SAMPLING:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
Hobbs 44	CS-98A 00113	C	1							10-14-24 07:00	X	X	X	
	CS-99A 012	C	1							10-14-24 07:20	X	X	X	
	CS11 012	C	1							10-14-24 07:45	X	X	X	
	CS12 013	C	1							10-14-24 08:15	X	X	X	
	CS13 012	C	1							10-14-24 08:30	X	X	X	
	CS11 012	C	1							10-14-24 08:45	X	X	X	
	CS-21B 051	C	1							10-14-24 10:10	X	X	X	
	CS-108 021	C	1							10-14-24 10:45	X	X	X	
	SW-32B	C	1											

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Relinquished By: **Addison Elston** Date: **10-14-24** Time: **15:03**
 Received By: **APRADO** Date: **10-14-24** Time: **15:03**

Delivered By: (Circle One) UPS Bus Other:
 Observed Temp. °C: **10.4** Corrected Temp. °C: **9.2**
 Sample Condition: Cool Intact Yes No Yes No No

Turnaround Time: **Standard** **RUSH**
 Thermometer ID: **1140** Bacteria (only) Cool Intact Yes No Yes No
 Correction Factor °C: **0.0** Sample Condition: Observed Temp. °C: Corrected Temp. °C:

REMARKS: **Bill Rush charges to Etech**
PM @ etechenv.com, addison@etechenv.com
10/14/24



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 21, 2024

ROBBIE RUNNELS

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/17/24 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/17/2024	Sampling Date:	10/16/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Shalyn Rodriguez
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 28 A @ 12' (H246372-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/18/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/18/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	200	100	200	3.85	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	209	105	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/17/2024	Sampling Date:	10/16/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Shalyn Rodriguez
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 29 A @ 12' (H246372-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/18/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/18/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	200	100	200	3.85	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	209	105	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/17/2024	Sampling Date:	10/16/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Shalyn Rodriguez
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 105 @ 29' (H246372-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/18/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/18/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	200	100	200	3.85	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	209	105	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/17/2024	Sampling Date:	10/16/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Shalyn Rodriguez
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 115 @ 12' (H246372-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/18/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	200	100	200	3.85	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	209	105	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 ROBBIE RUNNELS
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/17/2024	Sampling Date:	10/16/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Shalyn Rodriguez
Project Location:	PERMIAN - LEA CO NM		

Sample ID: CS 116 @ 12' (H246372-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/18/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	200	100	200	3.85	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	209	105	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 23, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: OUTLAND 14-23 STATE 2BS 2H

Enclosed are the results of analyses for samples received by the laboratory on 10/22/24 8:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/22/2024	Sampling Date:	10/16/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW-54B (H246418-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59	
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/22/2024	Sampling Date:	10/16/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW-55B (H246418-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59		
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85		
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89		
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55		
Total BTEX	<0.300	0.300	10/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	10/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	238	119	200	14.2		
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6		
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND						

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/22/2024	Sampling Date:	10/16/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW-13B (H246418-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59	
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/22/2024	Sampling Date:	10/16/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW-14B (H246418-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59	
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/22/2024	Sampling Date:	10/16/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW-62B (H246418-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59		
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85		
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89		
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55		
Total BTEX	<0.300	0.300	10/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	10/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	238	119	200	14.2		
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6		
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND						

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/22/2024	Sampling Date:	10/16/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	OUTLAND 14-23 STATE 2BS 2H	Sampling Condition:	Cool & Intact
Project Number:	20751	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN - LEA CO NM		

Sample ID: SW-63B (H246418-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	1.94	97.2	2.00	5.59	
Toluene*	<0.050	0.050	10/22/2024	ND	2.03	102	2.00	5.85	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.15	107	2.00	6.89	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.41	107	6.00	7.55	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	238	119	200	14.2	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	242	121	200	15.6	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/1

Company Name: Etech Environmental & Safety Solutions, Inc. Project Manager: Joel Lowry Address: P.O. Box 301 City: Lovington State: NM Zip: 88260 Phone #: (575) 396-2378 Fax #: (575) 396-1429 Project #: 20151 Project Owner: <i>Perthman Reviews</i> Project Name: <i>Outland 14-23 State 8BS AH</i> Project Location: <i>32.486037, -103.445132</i> Sampler Name: <i>Miguel Ramirez</i>		P.O. #: Company: <i>Perthman Reviews</i> Attn: <i>Montgomery Floyd</i> Address: City: State: Zip: Phone #: Zip: Fax #:	
FOR LAB USE ONLY Lab I.D. Sample I.D. H240118		BILL TO ANALYSIS REQUEST	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. No event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, subcontractors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Chloride TPH (8015M) BTEX (8021B)	
Relinquished By: <i>[Signature]</i> Date: <i>10/22/24</i> Relinquished By: <i>[Signature]</i> Date: <i>8/11</i> Relinquished By: <i>[Signature]</i> Date: <i>8/11</i>		Received By: <i>[Signature]</i> Received By: <i>[Signature]</i> Received By: <i>[Signature]</i>	
Delivered By: (Circle One) <i>761/CO-01</i> Sampler - UPS - Bus - Other: <i>B-2C / #142</i>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: <i>[Signature]</i>	
FORM-006 Revision 1.0		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS: <i>24 hr RUSH please! Bill rush to Etech</i> Please email results to pm@etechnv.com.	
t Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476			

Appendix E

Photographic Log

Photographic Log


Photo Number: 1	 <p>10/24/24, 7:44 AM +32.485909, -103.445216 NM, Eunice</p>
Photo Direction: Northeast	
Photo Description: View of excavation activities.	

Photo Number: 2	 <p>Oct 9, 2024 at 11:33:41 AM</p>
Photo Direction: West	
Photo Description: View of excavation activities.	

Photographic Log

Photo Number: 3	
Photo Direction: North	
Photo Description: View of excavation activities.	

Photo Number: 4	
Photo Direction: East	
Photo Description: View of excavation activities.	

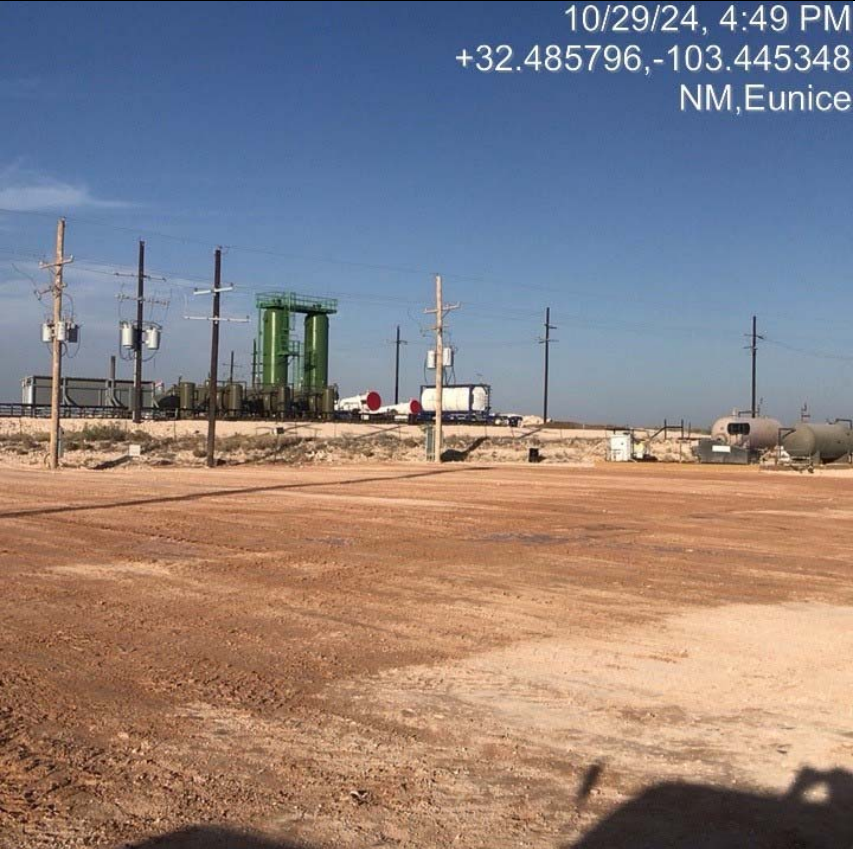
Photographic Log

Photo Number: 5	 A photograph showing a large, conical pile of light-colored sand or gravel in the center of an industrial site. The ground is uneven and appears to be a mix of dirt and sand. In the background, there are industrial structures, including a tall tower and various pipes. The sky is blue with some light clouds. Text in the top right corner of the photo reads: "Oct 25, 2024 at 12:19:35 PM", "Eunice NM 88231", and "United States".
Photo Direction: Northwest	
Photo Description: View of backfilling and compacting activities.	

Photo Number: 6	 A photograph of an excavated area with reddish-brown soil. In the background, there is industrial equipment, including a large crane-like structure and several large black storage tanks. A yellow excavator is visible on the left side of the frame. The sky is overcast. Text in the top right corner of the photo reads: "10/18/24, 9:55 AM", "+32.486108, -103.445185", and "NM, Eunice".
Photo Direction: Southeast	
Photo Description: View of portion of the excavated area.	

Photographic Log

Photo Number: 7	 <p>10/29/24, 4:49 PM +32.485796,-103.445348 NM,Eunice</p>
Photo Direction: North	
Photo Description: View of the affected area after remediation activities.	

Photo Number: 8	 <p>10/29/24, 4:49 PM +32.485796,-103.445348 NM,Eunice</p>
Photo Direction: Northeast	
Photo Description: View of the affected area after remediation activities.	

Appendix E

Regulatory Correspondence

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:	440288	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] . OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/07/2025		
References (2):	30-025-44157, nAPP2328345879		

Foms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,800
What is the estimated number of samples that will be gathered	29
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/01/2023
Time sampling will commence	08:00 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	Robbie Runnels 432.282.9143
Please provide any information necessary for navigation to sampling site	GPS: 32.486196,-103.445067, sampling notification for samples pulled on 12/1/2023.

[Searches](#)

[Operator Data](#)

[Hearing Fee Application](#)

Comments

No comments found for this submission.

Conditions

Summary: *mtaylorpr (3/7/2025)*, 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.

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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:	440313	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] . OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/07/2025		
References (2):	30-025-44157, nAPP2328345879		

Foms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,000
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	12/04/2023
Time sampling will commence	08:00 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	Robbie Runnels 432.282.9143
Please provide any information necessary for navigation to sampling site	GPS:32.486196,-103.445067, Sampling notification for samples pulled on 12/4/2023

[Searches](#)

[Operator Data](#)

[Hearing Fee Application](#)

Comments

No comments found for this submission.

Conditions

Summary: *mtaylorpr (3/7/2025)*. 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.

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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:	293175	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	12/11/2023		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	2,500
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/13/2023
Time sampling will commence	09:00 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	Kenny Han 575-988-8856
Please provide any information necessary for navigation to sampling site	32.486074,-103.445038

Comments

No comments found for this submission.

Conditions

Summary: *khart (12/11/2023)*, 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.

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OCD Permitting

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	294029	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	12/13/2023		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	1,500
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/15/2023
Time sampling will commence	08:00 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	tyler kimball 432-582-4051
Please provide any information necessary for navigation to sampling site	32.486074,-103.445038

Comments

No comments found for this submission.

Conditions

Summary: *khart (12/13/2023)*, 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	323678	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/15/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/20/2024
Time sampling will commence	08:00 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	Tyler Kimball 432-582-4051
Please provide any information necessary for navigation to sampling site	coordinates 32.48604, -103.44496

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

khart (3/15/2024), 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.

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Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	323587	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/15/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/19/2023
Time sampling will commence	08:00 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	Tyler Kimball 432-582-4051
Please provide any information necessary for navigation to sampling site	32.48613,-103.44518

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

khart (3/15/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	294838	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	12/14/2023		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	8,000
What is the estimated number of samples that will be gathered	150
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/18/2023
Time sampling will commence	09:00 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	Unknown at this time
Please provide any information necessary for navigation to sampling site	see gps

Comments

No comments found for this submission.

Conditions

Summary: khart (12/14/2023), 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.

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Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	323682	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/15/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/19/2024
Time sampling will commence	08:00 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	tyler kimball 432-582-4051
Please provide any information necessary for navigation to sampling site	coordinates 32.48604, -103.44496

[Searches](#)

[Operator Data](#)

[Hearing Fee Application](#)

Comments

No comments found for this submission.

Conditions

Summary:

khart (3/15/2024), 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.

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Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	323684	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/15/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/20/2024
Time sampling will commence	08:00 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	Tyler Kimball 432-582-4051
Please provide any information necessary for navigation to sampling site	32.48613,-103.44518

Comments

No comments found for this submission.

Conditions

Summary: *khart (3/15/2024)*, 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.

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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:	323685	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/15/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/21/2023
Time sampling will commence	08:00 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	Tyler Kimball 432-582-4051
Please provide any information necessary for navigation to sampling site	32.48613,-103.44518

[Searches](#)

[Operator Data](#)

[Hearing Fee Application](#)

Comments

No comments found for this submission.

Conditions

Summary:

khart (3/15/2024), 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.

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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:	323687	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/15/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/22/2024
Time sampling will commence	08:00 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	TYLER KIMBALL 432-582-4051
Please provide any information necessary for navigation to sampling site	coordinates 32.48604, -103.44496

Comments

No comments found for this submission.

Conditions

Summary: khart (3/15/2024), 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.

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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:	326236	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/25/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/27/2024
Time sampling will commence	08:00 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	TYLER KIMBALL 432-582-4051
Please provide any information necessary for navigation to sampling site	coordinates 32.48604, -103.44496

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

khart (3/25/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	326237	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	03/25/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/28/2024
Time sampling will commence	08:00 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	TYLER KIMBALL 432-582-4051
Please provide any information necessary for navigation to sampling site	coordinates 32.48604, -103.44496

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

khart (3/25/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	324572	Districts:	Hobbs
Operator:	[372165] Permian Resources Operating, LLC	Counties:	Lea
Description:	Permian Resources Operating, LLC [372165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	04/10/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	12,000
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/12/2024
Time sampling will commence	09:00 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	Tyler Kimball (432)582-40541
Please provide any information necessary for navigation to sampling site	GPS: 32.486196, -103.445067

Comments

No comments found for this submission.

Conditions

Summary: mtaylorpr (4/10/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376523	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/28/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Comments

No comments found for this submission.

Conditions

Summary: mtaylorpr (8/22/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	349842	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	05/31/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/03/2024
Time sampling will commence	09:00 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	Becky Haskell 432-766-1918
Please provide any information necessary for navigation to sampling site	32.48612,-103.44466

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mflloyd (5/31/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376504	Districts:	Hobbs
Operator:	[372165] Permian Resources Operating, LLC	Counties:	Lea
Description:	Permian Resources Operating, LLC [372165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	2,600
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/26/2024
Time sampling will commence	08:00 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	Tania Felts 432.313.1566
Please provide any information necessary for navigation to sampling site	32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376522	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/26/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376526	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/30/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

[Searches](#)

[Operator Data](#)

[Hearing Fee Application](#)

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376527	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/02/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376528	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/04/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	391267	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	10/09/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,000
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	10/16/2024
Time sampling will commence	08:00 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	Miguel Ramirez, 432-282-9140
Please provide any information necessary for navigation to sampling site	GPS: 32.485716 , -103.444967

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (10/9/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	391259	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	10/09/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,000
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	10/14/2024
Time sampling will commence	08:00 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	Miguel Ramirez, 432-282-9140
Please provide any information necessary for navigation to sampling site	GPS: 32.485716, -103.444967

Comments

No comments found for this submission.

Conditions

Summary: mtaylorpr (10/9/2024), 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.

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376536	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/13/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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OCD Permitting

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[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	376533	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/11/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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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:	376531	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/09/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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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:	376530	Districts:	Hobbs
Operator:	[331165] Earthstone Operating, LLC	Counties:	Lea
Description:	Earthstone Operating, LLC [331165] , OUTLAND 14 23 STATE 2BS #2H , nAPP2328345879		
Status:	APPROVED		
Status Date:	08/22/2024		
References (2):	30-025-44157, nAPP2328345879		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source

Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	85
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/06/2024
Time sampling will commence	08:00 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	Tania Felts 431.313.1566
Please provide any information necessary for navigation to sampling site	GPS: 32.486014, -103.445046

Searches

Operator Data

Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary:

mtaylorpr (8/22/2024), 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.

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QUESTIONS

Action 526624

QUESTIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328345879
Incident Name	NAPP2328345879 OUTLAND 14 23 STATE 2BS #2H @ 30-025-44157
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-44157] OUTLAND 14 23 STATE COM 2BS #002H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	OUTLAND 14 23 STATE 2BS #2H
Date Release Discovered	09/25/2023
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 9 BBL Recovered: 2 BBL Lost: 7 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 526624

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	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>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 11/14/2025
--	--

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QUESTIONS, Page 3

Action 526624

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
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 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	20400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1260
GRO+DRO (EPA SW-846 Method 8015M)	1260
BTEX (EPA SW-846 Method 8021B or 8260B)	2.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	12/01/2023
On what date will (or did) the final sampling or liner inspection occur	10/16/2024
On what date will (or was) the remediation complete(d)	10/29/2024
What is the estimated surface area (in square feet) that will be reclaimed	25700
What is the estimated volume (in cubic yards) that will be reclaimed	3398
What is the estimated surface area (in square feet) that will be remediated	25700
What is the estimated volume (in cubic yards) that will be remediated	6280

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 526624

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112342028 LEA LAND LANDFILL
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.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 11/14/2025
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 526624

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 526624

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	391267
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/16/2024
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	4000

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	25700
What was the total volume (cubic yards) remediated	6280
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	25700
What was the total volume (in cubic yards) reclaimed	3398
Summarize any additional remediation activities not included by answers (above)	The previously submitted Closure Report was denied on the basis that one of the previous operator's laboratory analytical reports was missing from the Closure Report and that several of the sampling events were conducted outside of the scheduled sampling times while the site was under different management. A post-dated sampling notification has been submitted to address the missing sampling dates and a revised closure report has been prepared that includes the missing laboratory analytical report. We apologize for the inconvenience.

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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 11/14/2025
--	--

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Action 526624

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 526624

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 526624
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	1/23/2026