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August 16, 2024

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

Re: Site Characterization and Deferral Request  
Burton Flat Deep Unit 44 SWD  
Unit L, Section 3, Township 21S, Range 27E  
Site Coordinates: 32.51149125, -104.180632  
Eddy County, New Mexico  
Incident ID: nAPP2410758305

## **Introduction**

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Deferral Request for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment and sample analysis results for the Burton Flat Deep Unit 44 SWD (Site). The Site is located within Unit Letter L, Section 3, of Township 21 South and Range 27 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.51149125° N latitude and 104.180632° W longitude. The Site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

## **Background**

Based on the Release Notification C-141 Form, the release occurred on April 4, 2023, due to equipment failure. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately thirty-eight (38) barrels (bbl) of produced water of which thirty (30) bbls were recovered for an approximate net loss of eight (8) bbl of produced water. The release area is shown in Figure 3.

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## **Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one water well located within a ½-mile radius of the site. Groundwater was encountered at a recorded depth of 31 feet below ground surface (ft bgs) well log is attached. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a high Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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

Site Characterization	Average Groundwater Depth (ft)
High Karst	31

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

## **Initial Soil Delineation Assessment Summary and Findings**

On April 25, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. A total of fifteen (15) vertical delineation points (V-1 through V-15) and nine (9) horizontal delineation points (H-1 through H-9) were installed within and adjacent to the release area in order to characterize the impact. Soil samples were collected at half (0.5) foot (ft) to one (1) ft intervals to a maximum depth of eight and a half (8.5) ft below grade surface (bgs), with a geotechnical hand auger. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, total petroleum hydrocarbon (TPH) by method 8015M, and chloride by EPA method SM4500Cl-B by Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits in the areas of V-1 and V-5 at four and half (4.5) ft bgs, V-2, V-8, V-12, and V-15 at a half (0.5) ft bgs, V-3 and V-4 at one and a half (1.5) ft bgs, V-6 and V-7 at eight and a half (8.5) ft bgs, All other samples were below NMOCD regulatory limits.

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On May 29, 2024, NTGE returned to the Site to complete vertical delineation. A total of four (4) vertical sample points (i.e., V-1, V-5, V-6, and V-7) were re-installed within the release area and collected at one (1) ft intervals ranging from six (6) ft bgs to eleven (11) ft bgs with a backhoe. The samples were analyzed for BTEX by EPA method 8021B, TPH by method 8015M, and chloride by EPA method SM4500Cl-B. Analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits in the areas of V-6 at ten (10) ft bgs. All other samples were below NMOCD regulatory limits.

Analytical results are included in Table 1, while sampling locations are shown in Figure 3.

### **Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to depths ranging from one (1) to eleven (11) ft bgs.

On July 18, 2024, NTGE was onsite to collect a total of one-hundred and twelve (112) composite confirmation base samples (CS-1 through CS-112) and forty-one (41) sidewall composite samples (SW-1 through SW-41) to ensure that impacted soil was removed. Analytical results indicated that fifty-five (55) base composite samples (CS-1 to CS-6, CS-9 to CS-12, CS-25, CS-26, CS-29 to CS-59, CS-64, CS-65, CS-67, CS-80, CS-81, CS-83, CS-84, CS-88, CS-89, CS-102 to CS-104) and sixteen (16) sidewall samples (SW-9, SW-10, SW-12 to SW-20, SW-22, SW-25 to SW-28) were above NMOCD regulatory criterion for chloride concentrations.

After further excavation, on August 1, 2024, NTGE returned onsite to collect thirty-seven (37) base composite samples (CS-4, CS-6, CS-9 to CS-13, CS-25, CS-29, CS-31, CS-32, CS-34, CS-35, CS-37, CS-38, CS-41, CS-43, CS-44, CS-56 to CS-59, CS-80, CS-81, CS-83, CS-84, CS-88, CS-89, CS-102 to CS-104, and CS-113 through CS-118) and twenty (20) sidewall samples (SW-9A, SW-10A, SW-13A, SW-14A, SW-20A, SW-22A, and SW-42 through SW-55) to ensure impacted soils were removed.

Analytical results indicated that all samples were below NMOCD regulatory criterion for the Site, excluding CS-1, CS-2, CS-3, CS-5, CS-26, CS-30, CS-33, CS-36, CS-39, CS-40, CS-42, CS-45 through CS-55, CS-64, CS-65, CS-67, SW-12, SW-15 through SW-19, and SW-25 through SW-28 which were unable to be excavated further due to facility infrastructure (i.e., fiberglass flowline, electrical lines, and power poles). The final excavation extent and confirmation samples are shown in Figure 4.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. The confirmation samples collected represent an area no greater than 200 square feet and were analyzed for BTEX (EPA Method 8021B), TPH (EPA method 8015 modified), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

### **Deferral Sampling**

On July 26, 2024, NTGE installed five (5) vertical deferral sample points (i.e., DS-1 through DS-5) at depths ranging from surface to thirteen and a half (13.5) ft bgs with a geotechnical hand auger to characterize the impacts that could not be reached due to facility infrastructure.

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On August 1, 2024, NTGE installed two (2) vertical deferral sample points (i.e., DS-6 and DS-7) at depths ranging from two and a half (2.5) ft bgs to six and a half (6.5) ft bgs with a geotechnical hand auger to characterize the impacts that could not be reached due to facility infrastructure. Laboratory results of these samples are presented in Table 2 and their locations are shown in Figure 5.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. The deferral samples were analyzed for BTEX, TPH, and chloride. Laboratory reports containing analytical methods and chain-of-custody documents are attached. All the samples were below NMOCD standard with the exception of sample DS-1 (10-10.5'), DS-6 (2-2.5'), and DS-7 (5-5.5') which had chloride above standards.

### **Deferral Request**

Devon personnel have expressed that the excavation areas of CS-1, CS-2, CS-3, CS-5, CS-26, CS-30, CS-33, CS-36, CS-39, CS-40, CS-42, CS-45 through CS-55, CS-64, CS-65, CS-67, SW-12, SW-15 through SW-19, and SW-25 through SW-28 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., fiberglass flowline, electrical lines, and power poles, etc.) around the excavation and the associated safety concerns in further encroaching the infrastructure. With the deferral samples DS-1 through DS-7, Devon has completed delineation of the remaining chloride impacts at the Site. The infrastructure in and around the excavation is shown on Figure 5 followed by Devon's formal GIS site map showing the extents of exploration.

On behalf of Devon, NTGE formally request a deferral to address the remaining soil impacts at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date.

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

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager

Attachments:

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

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**TABLES**

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**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
Vertical Delineation Samples														
V-1	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,220	
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656	
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704	
	4/25/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640	
	4/25/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640	
	5/29/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224	
V-2	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,160	
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176	
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
	4/25/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0	
	4/25/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
V-3	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,900	
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,600	
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352	
	4/25/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576	
	4/25/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
V-4	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	22,000	
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,000	
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
	4/25/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
	4/25/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400	
V-5	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	22,400	
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,400	
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720	
	4/25/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720	
	4/25/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624	
	5/29/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96	
	5/29/2024	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560	
	5/29/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	

**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
V-6	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	33,600
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,280
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	24,000
	4/25/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	20,000
	4/25/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,400
	4/25/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,800
	4/25/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,250
	4/25/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,420
	4/25/2024	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,400
	5/29/2024	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
V-7	5/29/2024	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,930
	5/29/2024	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	27,600
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	17,000
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	23,600
	4/25/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11,600
	4/25/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,800
	4/25/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,330
	4/25/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	4/25/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	992
V-8	4/25/2024	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
	5/29/2024	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
V-9	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
V-10	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
V-11	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-12	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
V-12	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432

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**Summary of Soil Analytical Data - Delineation Samples**  
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**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
V-13	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>352</b>
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
V-14	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>144</b>
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>272</b>
V-15	4/25/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>800</b>
	4/25/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>512</b>
	4/25/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>448</b>
Horizontal Samples													
H-1	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>
H-2	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>352</b>
H-3	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>288</b>
H-4	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80.0</b>
H-5	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
H-6	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>128</b>
H-7	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
H-8	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16.0</b>
H-9	4/25/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>336</b>

## Notes:

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

SP-1

Sample Point Excavated

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

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

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

- Not Analyzed

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										(mg/kg)
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
<b>Base Confirmation Samples</b>													
CS-1	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
CS-2	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
CS-3	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
<del>CS-4</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>704</del>
CS-4	8/1/2024	2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	136
CS-5	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
<del>CS-6</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>640</del>
CS-6	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	110
CS-7	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-8	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
<del>CS-9</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>624</del>
CS-9	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	140
<del>CS-10</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>640</del>
CS-10	8/1/2024	2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	107
<del>CS-11</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1,040</del>
CS-11	8/1/2024	2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	<49.7	<49.7	<49.7	<49.7	97.9
<del>CS-12</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>976</del>
CS-12	8/1/2024	2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	168
<del>CS-13</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>464</del>
CS-13	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	162
CS-14	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-15	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-16	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-17	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-18	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-19	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-20	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-21	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-22	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-23	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-24	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
<del>CS-25</del>	<del>7/18/2024</del>	<del>4</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>880</del>
CS-25	8/1/2024	7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	87.6
CS-26	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,160
CS-27	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-28	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-29	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,920
CS-29	8/1/2024	7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	94.6
CS-30	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,000
CS-31	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	14,400
CS-31	8/1/2024	7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	127
CS-32	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,000
CS-32	8/1/2024	7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	114
CS-33	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,200
CS-34	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13,200
CS-34	8/1/2024	7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.7	<49.7	<49.7	<49.7	<49.7	124
CS-35	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,600
CS-35	8/1/2024	7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	124
CS-36	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,660
CS-37	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,660
CS-37	8/1/2024	5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	86.8
CS-38	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,600
CS-38	8/1/2024	5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	94.0
CS-39	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,400
CS-40	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,600
CS-41	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,200
CS-41	8/1/2024	5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	98.8
CS-42	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,000
CS-43	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,200
CS-43	8/1/2024	5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	187
CS-44	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,880
CS-44	8/1/2024	5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	135
CS-45	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,200
CS-46	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,600
CS-47	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,720
CS-48	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,460
CS-49	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,080
CS-50	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,240
CS-51	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,960
CS-52	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,560
CS-53	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,480



**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
CS-54	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,320
CS-55	7/18/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,000
CS-56	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,000
CS-56	8/1/2024	8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	132
CS-57	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,640
CS-57	8/1/2024	8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	121
CS-58	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	896
CS-58	8/1/2024	8	<0.00202	<0.00202	0.00373	0.0107	0.0145	<50.0	<50.0	<50.0	<50.0	<50.0	112
CS-59	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,180
CS-59	8/1/2024	8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	97.2
CS-60	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-61	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-62	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-63	7/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-64	7/18/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,920
CS-65	7/18/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,960
CS-66	7/18/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-67	7/18/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,240
CS-68	7/18/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-69	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-70	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-71	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-72	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-73	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-74	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-75	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-76	7/18/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-77	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-78	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-79	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-80	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
CS-80	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.7	<49.7	<49.7	<49.7	<49.7	117
CS-81	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-81	8/1/2024	2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	126
CS-82	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-83	7/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736

Table 2  
Summary of Soil Analytical Data - Confirmation Samples  
Burton Flat Deep Unit 44 SWD  
Devon Energy Production Company  
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-83	8/1/2024	2	<0.00202	<0.00202	<b>0.00250</b>	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	106
CS-84	<del>7/18/2024</del>	<del>±</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	768
CS-84	8/1/2024	2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	145
CS-85	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-86	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-87	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-88	<del>7/18/2024</del>	<del>±</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	848
CS-88	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	123
CS-89	<del>7/18/2024</del>	<del>±</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	928
CS-89	8/1/2024	2	<b>0.00342</b>	<0.00199	<0.00199	<b>0.00968</b>	<b>0.0131</b>	<49.8	<49.8	<49.8	<49.8	<49.8	152
CS-90	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-91	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-92	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-93	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-94	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-95	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-96	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-97	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-98	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
CS-99	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
CS-100	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-101	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-102	<del>7/18/2024</del>	<del>±</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	672
CS-102	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	137
CS-103	<del>7/18/2024</del>	<del>±</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	640
CS-103	8/1/2024	2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	166
CS-104	<del>7/18/2024</del>	<del>±</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	640
CS-104	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	206
CS-105	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-106	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-107	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-108	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-109	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-110	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-111	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-112	7/18/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-113	8/1/2024	2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	135
CS-114	8/1/2024	7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	104
CS-115	8/1/2024	5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	75.4
CS-116	8/1/2024	5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.7	<49.7	<49.7	<49.7	<49.7	115
CS-117	8/1/2024	5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.7	<49.7	<49.7	<49.7	<49.7	156
CS-118	8/1/2024	5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	152
Sidewall Confirmation Samples													
SW-1	7/18/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-2	7/18/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SW-3	7/18/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-4	7/18/2024	2-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SW-5	7/18/2024	1-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-6	7/18/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
SW-7	7/18/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
SW-8	7/18/2024	4-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-9	7/18/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16,200
SW-9A	8/1/2024	0-7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	97.4
SW-10	7/18/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	20,200
SW-10A	8/1/2024	0-7'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	74.9
SW-11	7/18/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SW-12	7/18/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,800
SW-13	7/18/2024	2-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,600
SW-13A	8/1/2024	5-7'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	77.6
SW-14	7/18/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	20,400
SW-14A	8/1/2024	0-5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.6	<49.6	<49.6	<49.6	<49.6	111
SW-15	7/18/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13,600
SW-16	7/18/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,560
SW-17	7/18/2024	2-9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
SW-18	7/18/2024	2-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
SW-19	7/18/2024	2-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,600
SW-20	7/18/2024	2-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,560
SW-20A	8/1/2024	5-8'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	115
SW-21	7/18/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-22	7/18/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,190
SW-22A	8/1/2024	0-6'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	123
SW-23	7/18/2024	6-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-24	7/18/2024	0-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SW-25	7/18/2024	0-9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,000
SW-26	7/18/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11,400
SW-27	7/18/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,200
SW-28	7/18/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13,400
SW-29	7/18/2024	0-9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-30	7/18/2024	0-9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-31	7/18/2024	0-9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-32	7/18/2024	1-9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-33	7/18/2024	9-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-34	7/18/2024	1-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-35	7/18/2024	1-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-36	7/18/2024	1-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-37	7/18/2024	1-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-38	7/18/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
SW-39	7/18/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SW-40	7/18/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
SW-41	7/18/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-42	8/1/2024	1-2'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	99.1
SW-43	8/1/2024	1-2'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	91.1
SW-44	8/1/2024	1-2'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	130
SW-45	8/1/2024	1-2'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	134
SW-46	8/1/2024	0-2'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	144
SW-47	8/1/2024	1-2'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	119
SW-48	8/1/2024	0-2'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	129
SW-49	8/1/2024	1-2'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	138
SW-50	8/1/2024	0-2'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	240
SW-51	8/1/2024	1-2'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	170
SW-52	8/1/2024	4-7'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	179
SW-53	8/1/2024	2-5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.6	<49.6	<49.6	<49.6	<49.6	147
SW-54	8/1/2024	2-8'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	175
SW-55	8/1/2024	6-8'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	201
Deferral Samples													
DS-1	7/26/2024	10-10.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280
	7/26/2024	11-11.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	7/26/2024	12-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	7/26/2024	13-13.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	7/26/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Burton Flat Deep Unit 44 SWD**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
DS-2	7/26/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>352</b>
	7/26/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>
DS-3	7/26/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>224</b>
	7/26/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>384</b>
	7/26/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
DS-4	7/26/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32.0</b>
	7/26/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80.0</b>
	7/26/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16.0</b>
DS-5	7/26/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
DS-6	8/1/2024	2-2.5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	<b>909</b>
	8/1/2024	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<b>158</b>
DS-7	8/1/2024	5-5.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	<b>720</b>
	8/1/2024	6-6.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	<b>159</b>

1. Values reported in mg/kg

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

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

**SP-1** Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

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

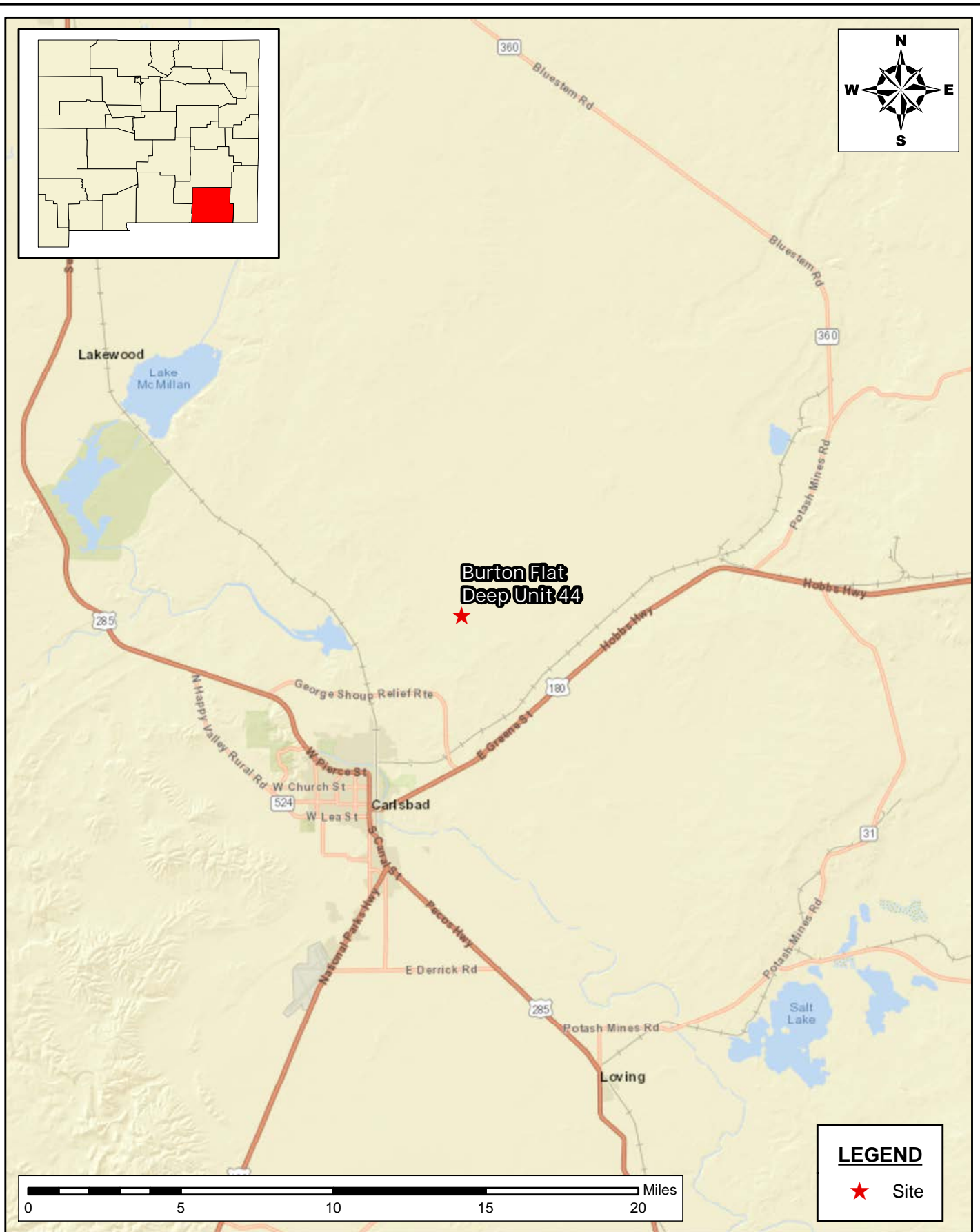
9. --- Not Analyzed

## **FIGURES**

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**SITE LOCATION MAP**  
 SITE CHARACTERIZATION AND DEFERRAL REQUEST  
 DEVON ENERGY PRODUCTION COMPANY  
 BURTON FLAT DEEP UNIT 44  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 6/4/2024    PROJECT #: 237289

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



**NOTES:**

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

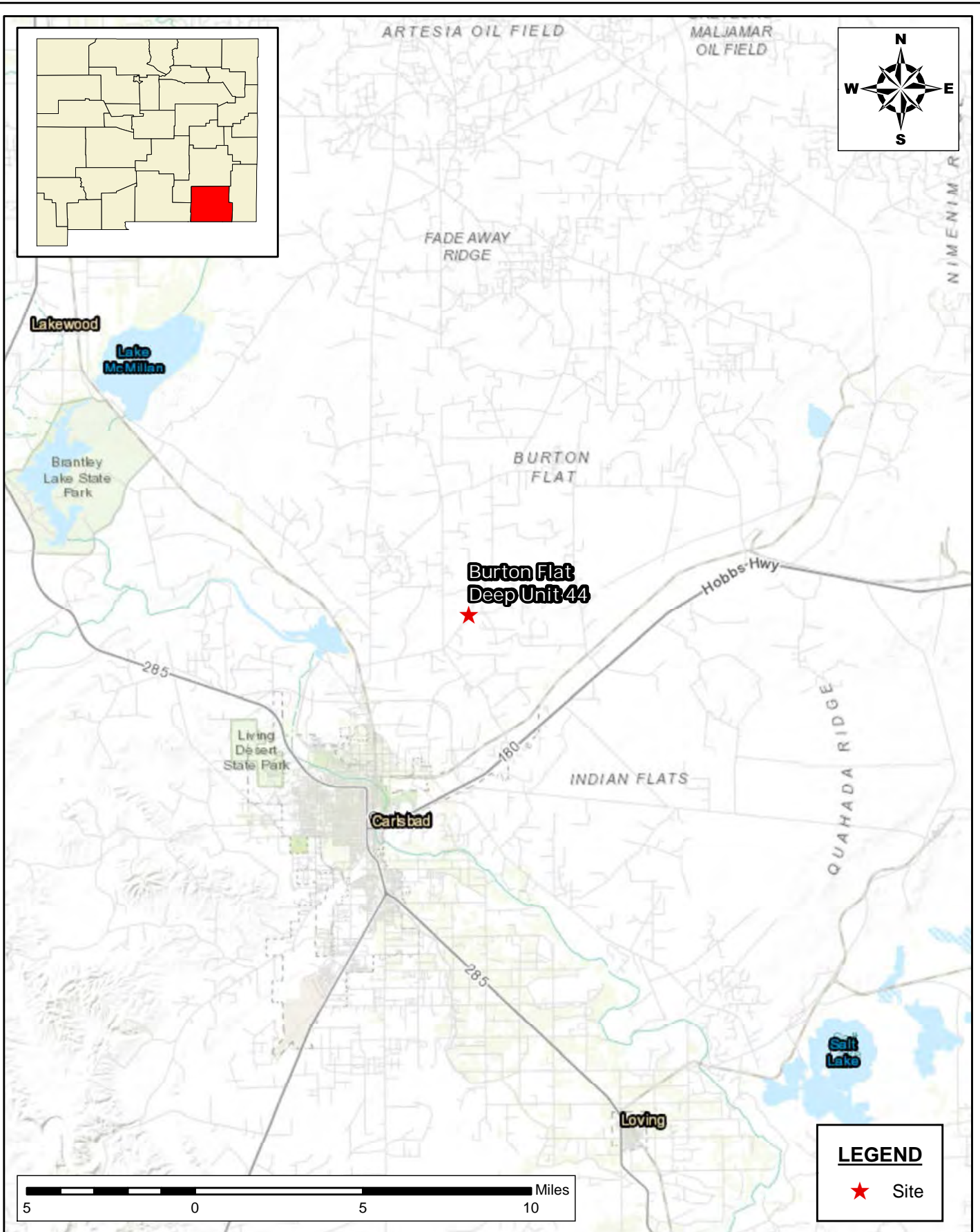
DRAWING NUMBER:

**FIGURE 1**

SHEET NUMBER:

**1 of 1**

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**TOPOGRAPHIC MAP**  
 SITE CHARACTERIZATION AND DEFERRAL REQUEST  
 DEVON ENERGY PRODUCTION COMPANY  
 BURTON FLAT DEEP UNIT 44  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 6/4/2024    PROJECT #: 237289

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



**NOTES:**

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

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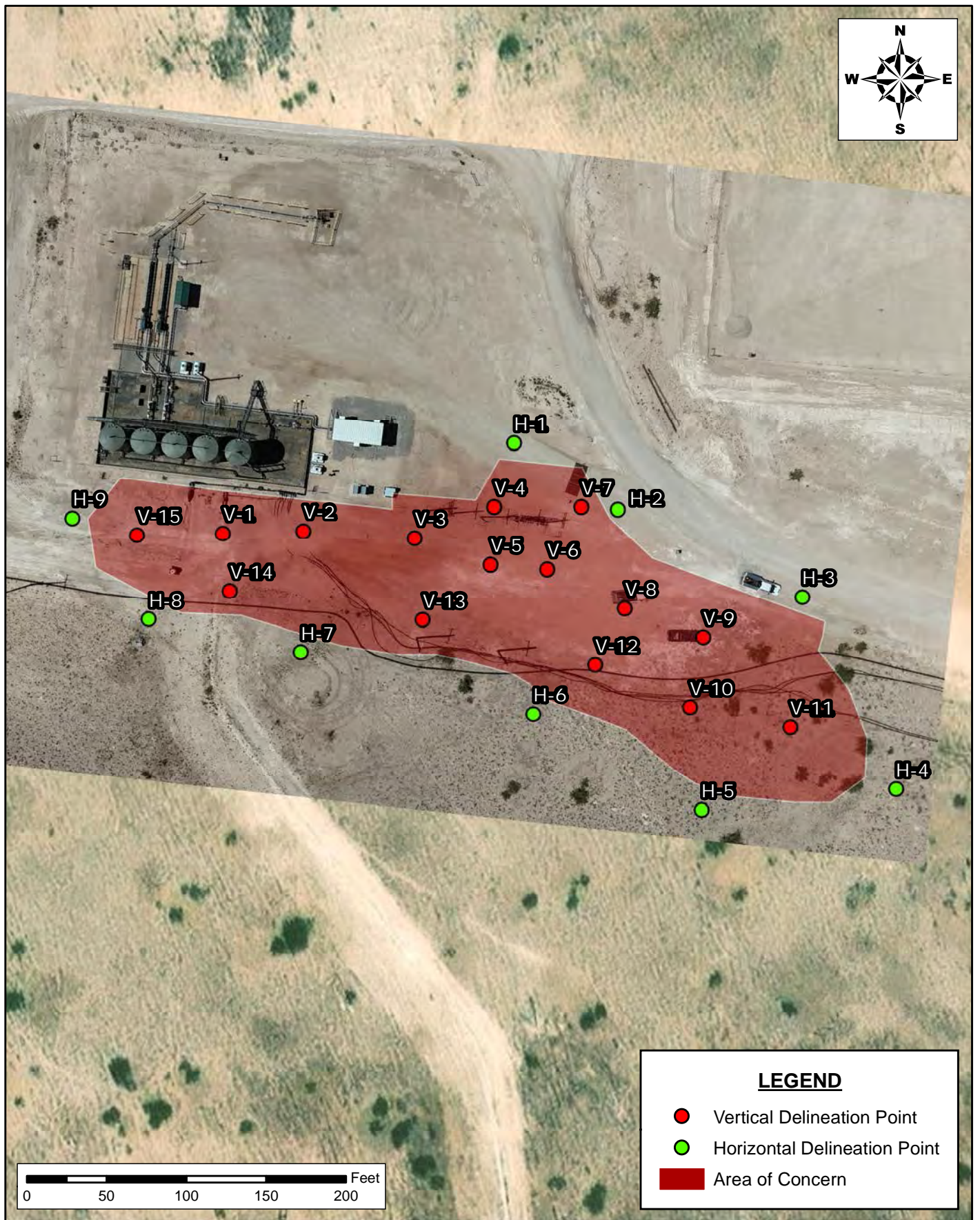
**FIGURE 2**

SHEET NUMBER:

**1 of 1**



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**INITIAL ASSESSMENT MAP**  
SITE CHARACTERIZATION AND DEFERRAL REQUEST  
BURTON FLATS DEEP UNIT 44 (SWD)  
DEVON ENERGY PRODUCTION COMPANY  
EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN    DATE: 06/18/2024    PROJECT #: 225904



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

**NOTES:**

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

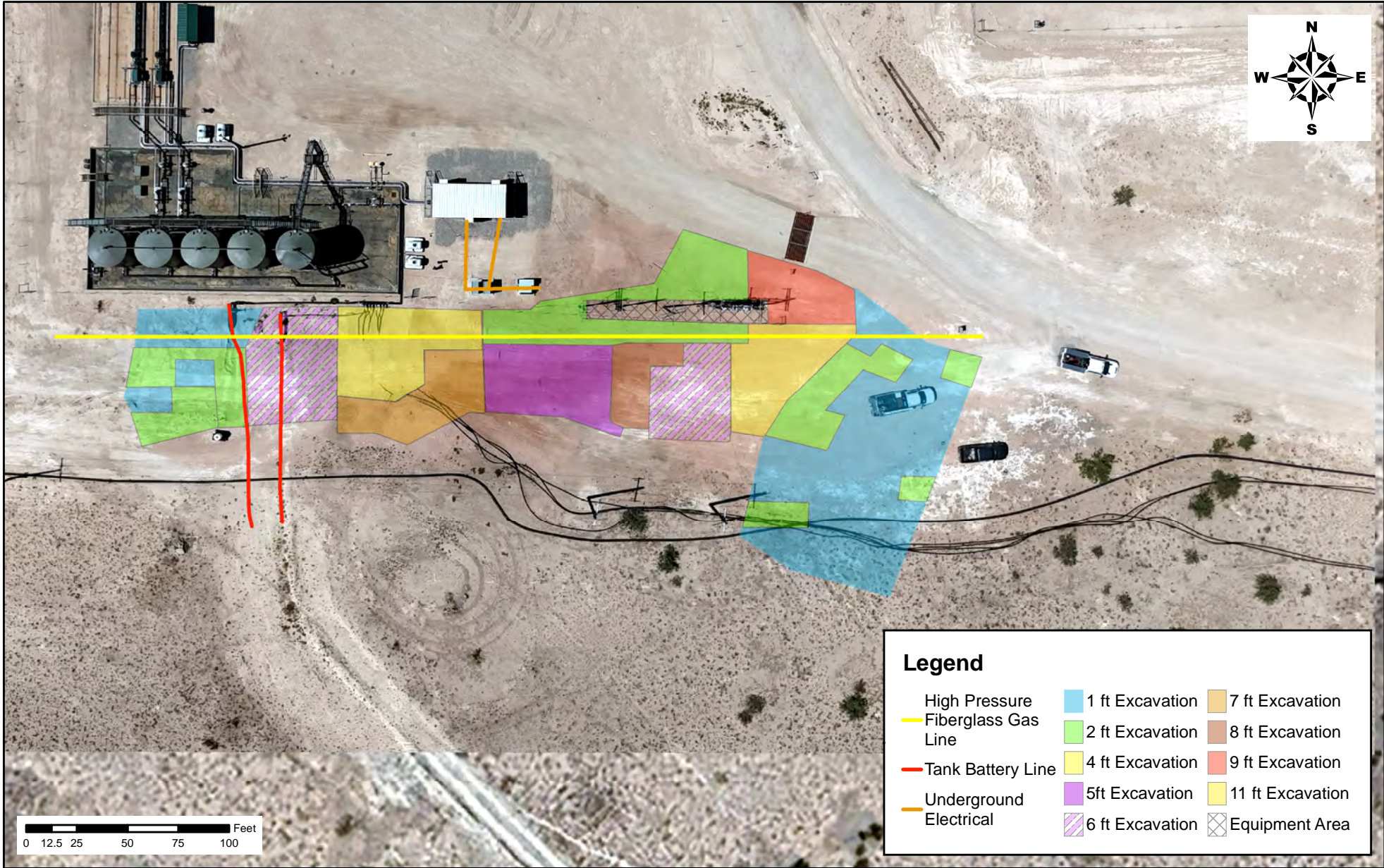
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**FIGURE 3**

SHEET NUMBER:

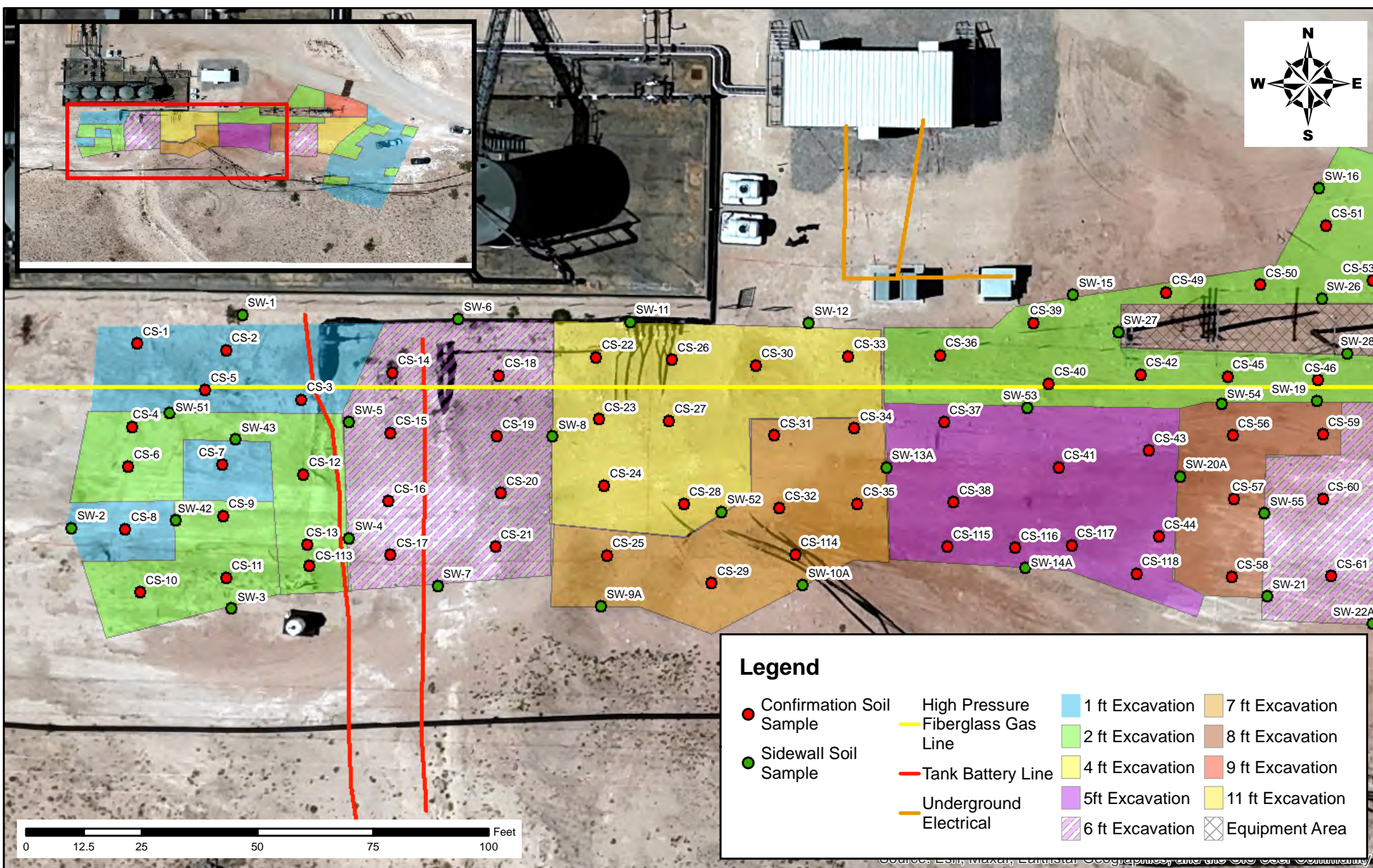
**1 of 1**





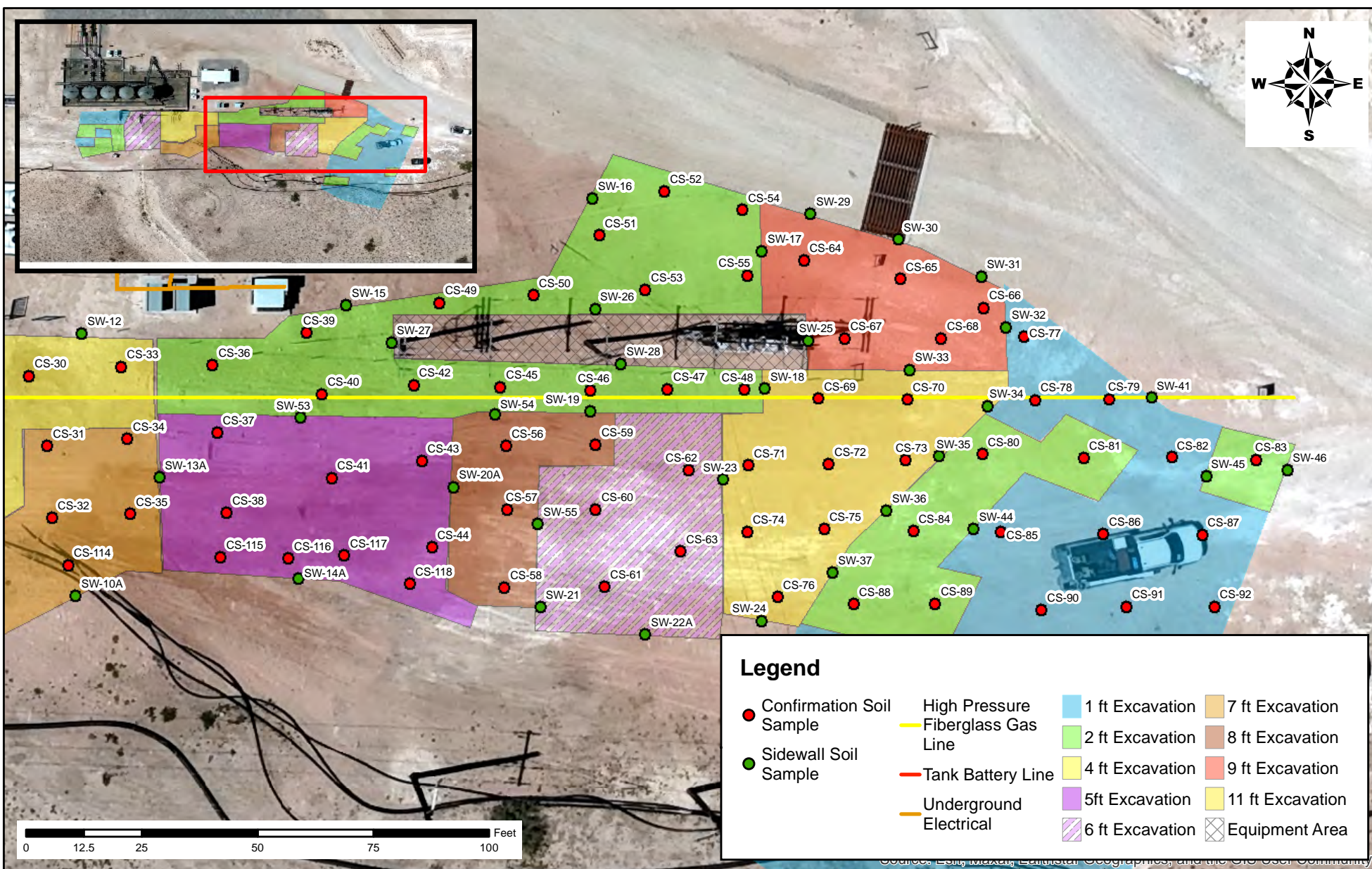
1 of 4	SHEET NUMBER	DRAWING NUMBER	FIGURE 4	CONFIRMATION SAMPLE MAP (OVERVIEW) SITE CHARACTERIZATION AND DEFERRAL REQUEST DEVON ENERGY PRODUCTION COMPANY BURON FLATS UNIT #44 SWD EDDY COUNTY, NEW MEXICO		New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenvironmental.com		NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N
				SCALE: As Shown	Date: 8/15/2024	PROJECT #: 237289		





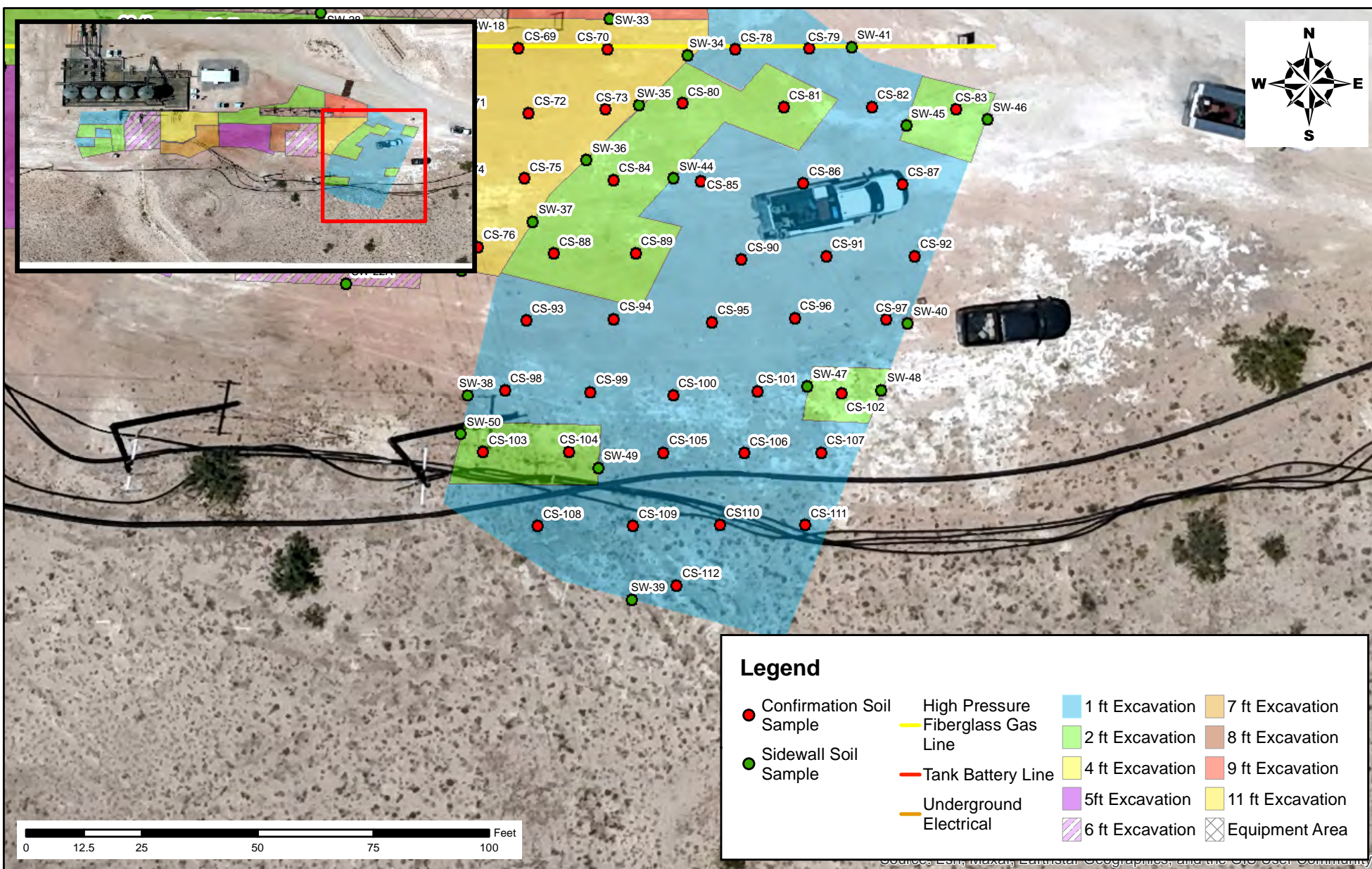
2 of 4	SHEET NUMBER	DRAWING NUMBER	<b>FIGURE 4</b> CONFIRMATION SAMPLE MAP (EXPANDED) SITE CHARACTERIZATION AND DEFERRAL REQUEST DEVON ENERGY PRODUCTION COMPANY BURON FLATS UNIT #44 SWD EDDY COUNTY, NEW MEXICO	SCALE: As Shown	Date: 8/26/2024	PROJECT #: 237289
				<b>New Tech Global Environmental, LLC</b> 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroinmental.com		






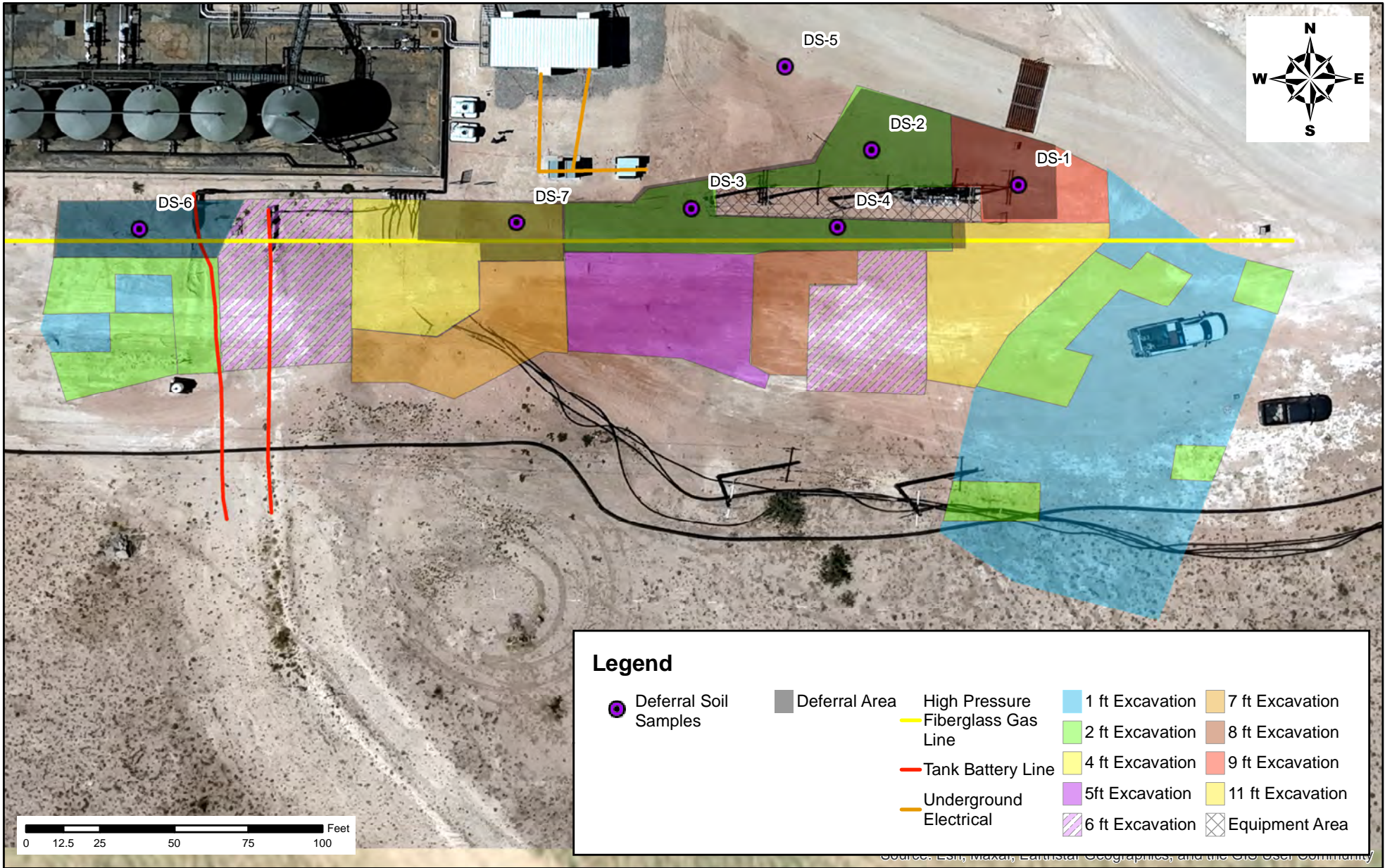
3 of 4	SHEET NUMBER	DRAWING NUMBER	<b>FIGURE 4</b> CONFIRMATION SAMPLE MAP (EXPANDED) SITE CHARACTERIZATION AND DEFERRAL REQUEST DEVON ENERGY PRODUCTION COMPANY BURON FLATS UNIT #44 SWD EDDY COUNTY, NEW MEXICO	SCALE: As Shown Date: 8/26/2024 PROJECT #: 237289	<b>New Tech Global Environmental, LLC</b> 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroinmental.com		<b>NOTES:</b> 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N





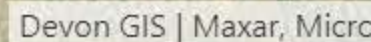
<p>4 of 4</p> <p>SHEET NUMBER</p> <p>FIGURE 4</p> <p>DRAWING NUMBER</p>	<p><b>CONFIRMATION SAMPLE MAP (EXPANDED)</b></p> <p>SITE CHARACTERIZATION AND DEFERRAL REQUEST</p> <p>DEVON ENERGY PRODUCTION COMPANY</p> <p>BURON FLATS UNIT #44 SWD</p> <p>EDDY COUNTY, NEW MEXICO</p> <p>SCALE: As Shown</p> <p>Date: 8/26/2024</p> <p>PROJECT #: 237289</p>	<p><b>New Tech Global Environmental, LLC</b></p> <p>911 Regional Park Drive</p> <p>Houston, Texas 77060</p> <p>T - 281.872.9300</p> <p>F - 281.872.4521</p> <p>Web: www.ntgenviroanmental.com</p> <p></p>	<p><b>NOTES:</b></p> <p>1. Base Image: ESRI Maps &amp; Data 2013</p> <p>2. Map Projection: NAD 1983 UTM Zone 13N</p>
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1 of 1	SHEET NUMBER	DRAWING NUMBER	<b>DEFERRAL SAMPLE MAP</b> SITE CHARACTERIZATION AND DEFERRAL REQUEST DEVON ENERGY PRODUCTION COMPANY BURON FLATS UNIT #44 SWD EDDY COUNTY, NEW MEXICO	<b>New Tech Global Environmental, LLC</b> 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroanmental.com		<b>NOTES:</b> 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N







## **SITE CHARACTERIZATION INFORMATION**

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## NMOCD Closure Criteria

Burton Flats Deep Unit 44

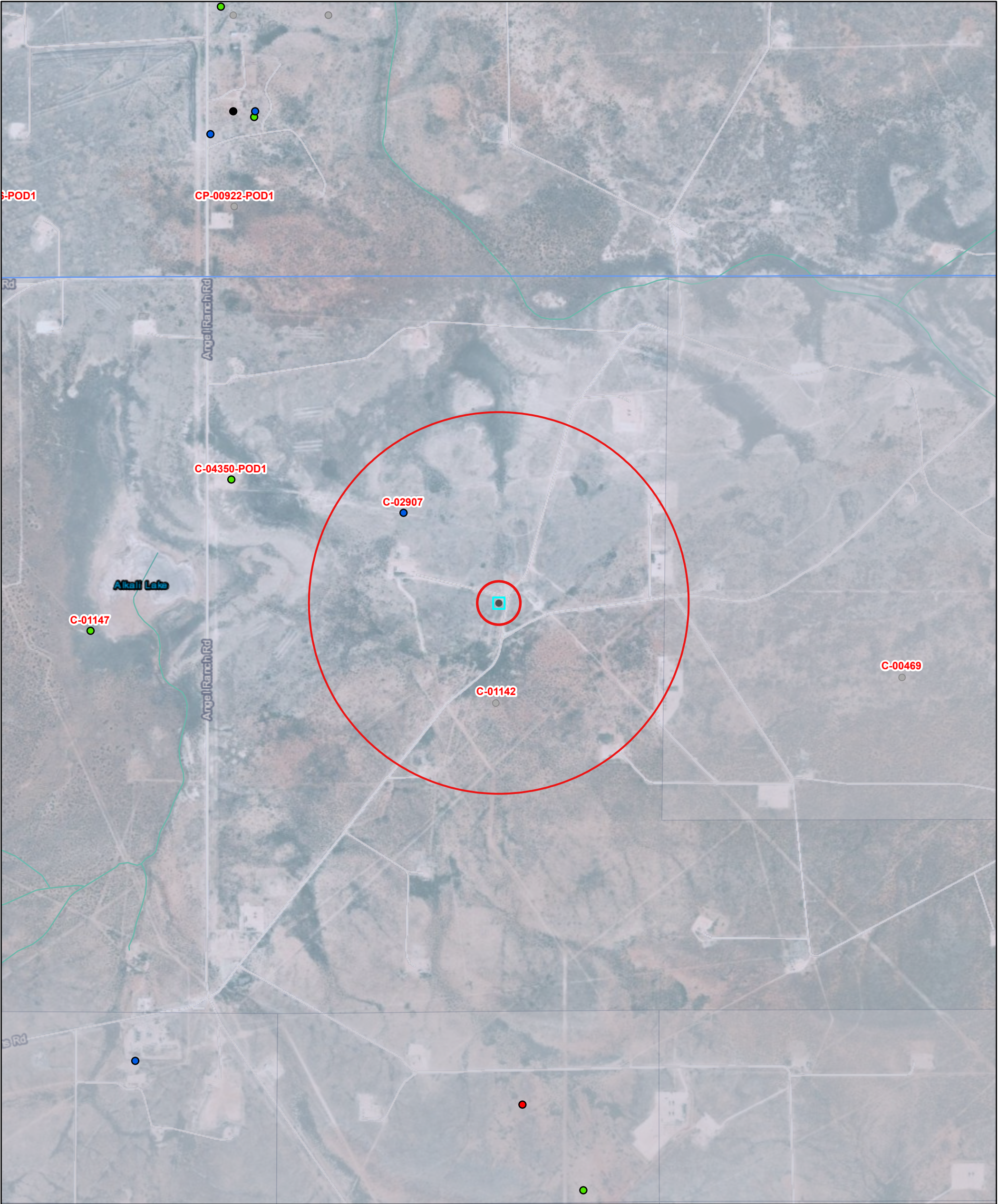
Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	31	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	1,400	National Wetlands Inventory (NWS) - wetland
Horizontal Distance to Nearest Significant Watercourse (ft)	1,400	National Wetlands Inventory (NWS) - wetland

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

\* - numerical limit or background, whichever is greater



# OSE POD Location Map



11/8/2023, 9:47:42 AM

Distance & Direction - Circle Graphics

- Override 1
- Override 2

GIS WATERS PODs

- Active
- Pending
- Inactive

Plugged

OSE District Boundary

Surface Water Basins

- Lower Pecos
- Declared Groundwater Basins

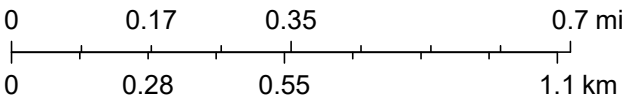
New Mexico State Trust Lands

Subsurface Estate

NHD Flowlines

- Artificial Path
- Connector
- Stream River

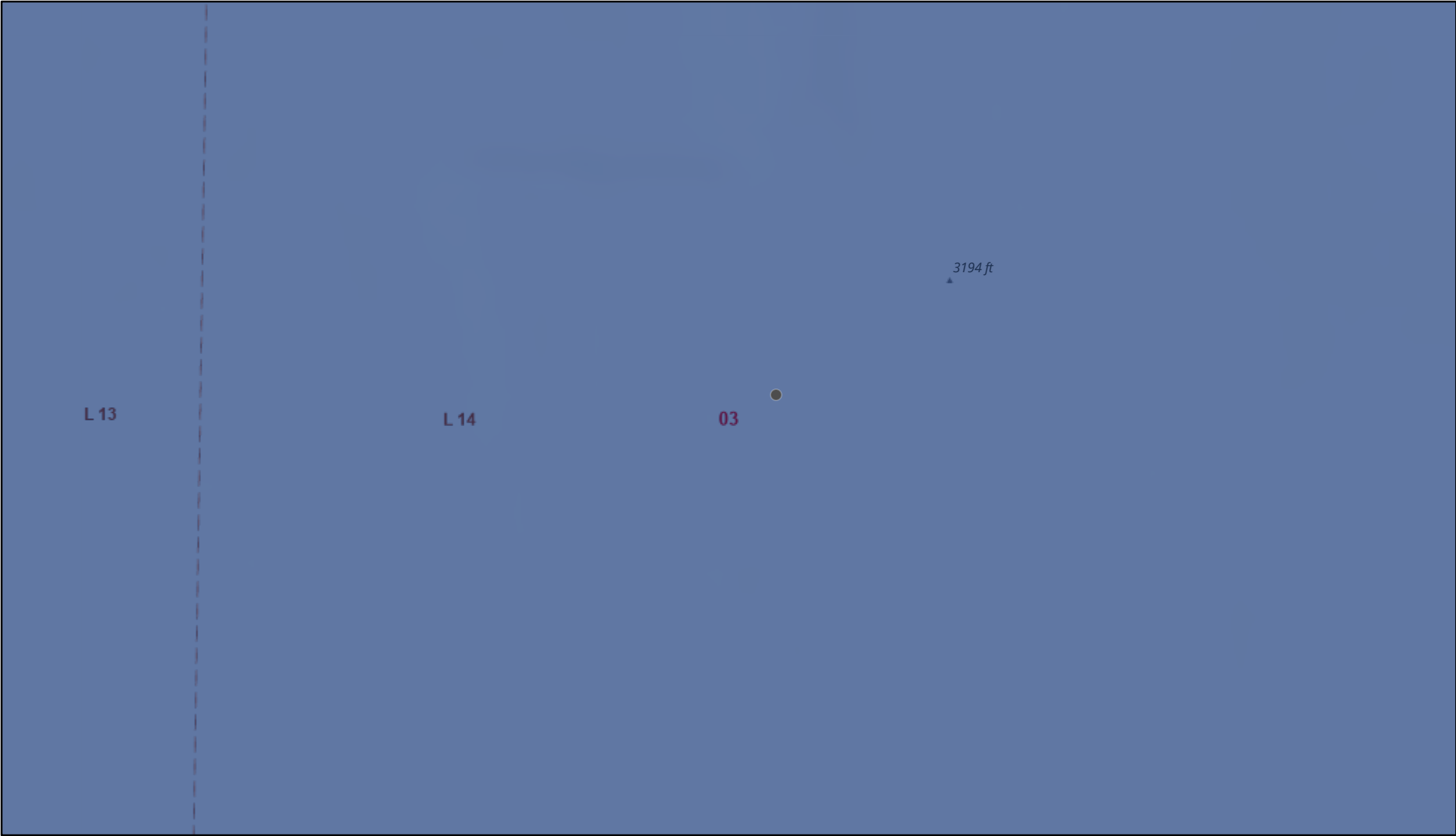
1:18,056



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



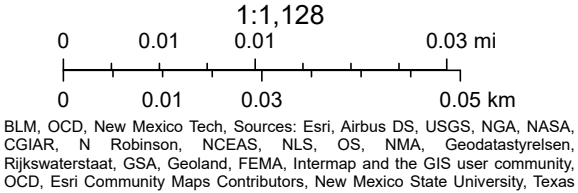
# Karst Potential Map



4/25/2024, 12:44:06 PM

Karst Occurrence Potential

 High	 PLSS Second Division
	 PLSS First Division





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-4902			
	WELL OWNER NAME(S) Devon Energy Corporation				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 205 East Bender RD. #150				CITY Hobbs		STATE NM	
					ZIP 88240			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 30	SECONDS 42.2	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 104	10	49.1	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. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 12-9-24	DRILLING ENDED 12-9-24	DEPTH OF COMPLETED WELL (FT) 55'		BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) 31'		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED) Centralizer info below					STATIC WATER LEVEL IN COMPLETED WELL 30'		
						DATE STATIC MEASURED 12-13-24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	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'	55'	4'	No casing left in hole				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

## 1. HYDROGEOLOGIC LOG OF WELL

WB-20 WELL RECORD & LOG (Version 09/22/2022)





# PLUGGING RECORD



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

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4902 POD1  
 Well owner: Devon Energy Corporation Phone No.: \_\_\_\_\_  
 Mailing address: 205 East Bender Road #150  
 City: Hobbs State: Nm Zip code: 88240

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6-16-25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Nathan Smelcer
- 4) Date well plugging began: 12-13-24 Date well plugging concluded: 12-13-24
- 5) GPS Well Location: Latitude: 32 deg, 30 min, 42.2 sec  
 Longitude: 104 deg, 10 min, 49.1 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55' ft below ground level (bgl),  
 by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: 30 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 10-30-24
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- For each interval plugged, describe within the following columns:**

### **III. SIGNATURE:**




Signature of Well Driller

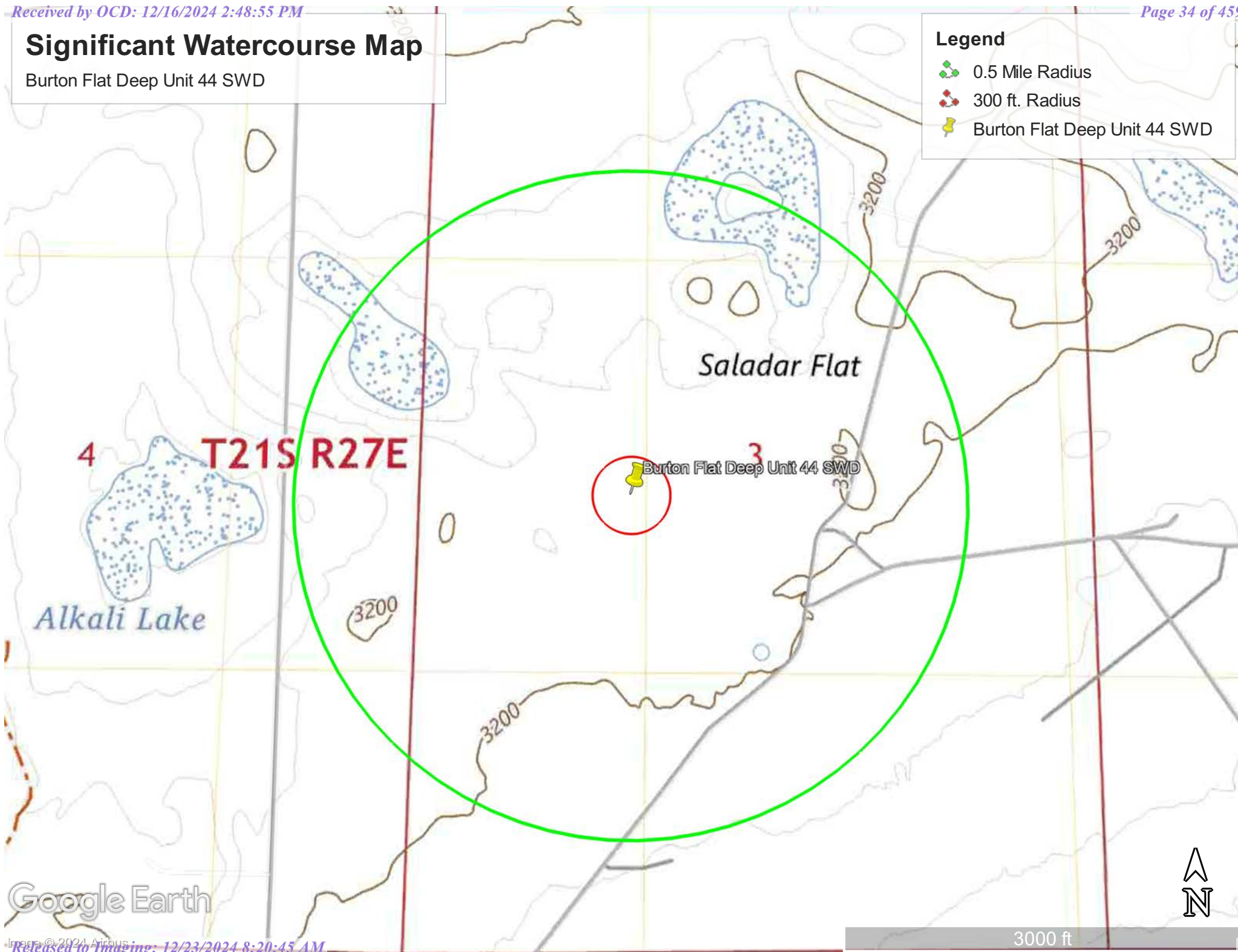
Date \_\_\_\_\_

# Significant Watercourse Map

Burton Flat Deep Unit 44 SWD

## Legend

-  0.5 Mile Radius
-  300 ft. Radius
-  Burton Flat Deep Unit 44 SWD



Google Earth



# National Flood Hazard Layer FIRMette



104°11'9"W 32°30'57"N



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

1:6,000

104°10'32"W 32°30'26"N

Released to Imaging: 12/23/2024 8:20:45 AM

Basemap Imagery Source: USGS National Map 2023

## Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/25/2024 at 1:02 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Wetlands Map



April 25, 2024

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



## **PHOTOGRAPHIC LOG**

---

## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 1**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.

**Photograph No. 2**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.

**Photograph No. 3**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.



## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 4**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.

**Photograph No. 5**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.

**Photograph No. 6**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 7**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation

**Photograph No. 8**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

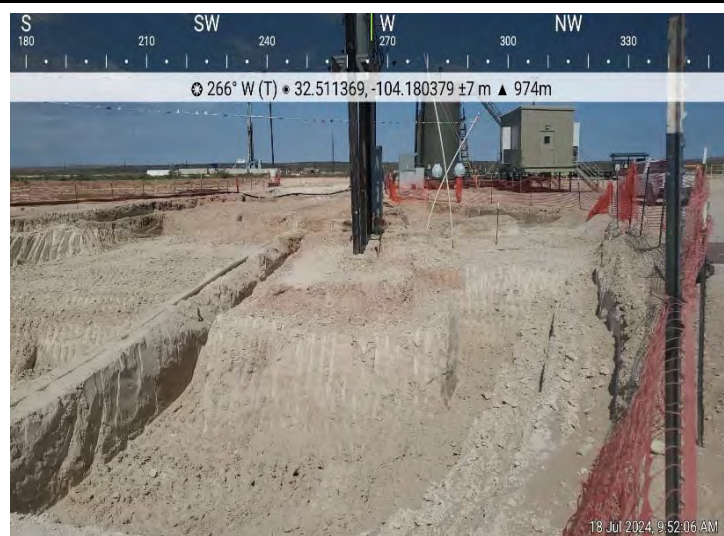
**Description:**  
View of Excavation and fiberglass flowline

**Photograph No. 9**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 10**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation

**Photograph No. 11**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation

**Photograph No. 12**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 13**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation

**Photograph No. 14**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

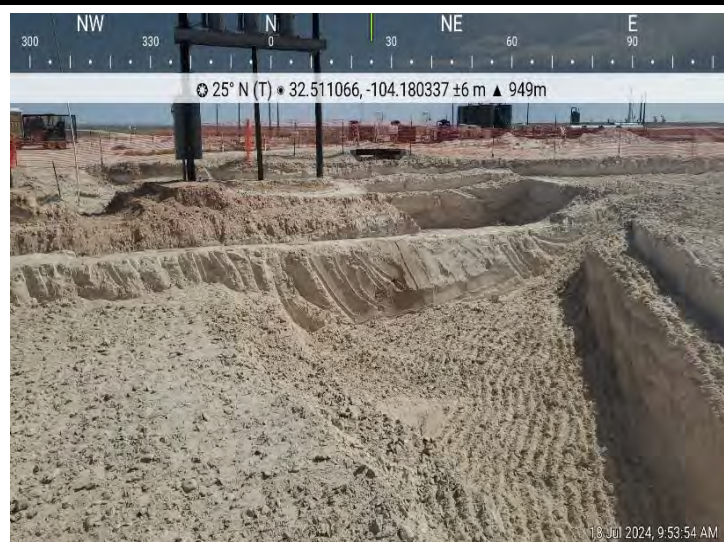
**Description:**  
View of Excavation

**Photograph No. 15**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 16**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Fiberglass pipeline within excavation

**Photograph No. 17**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

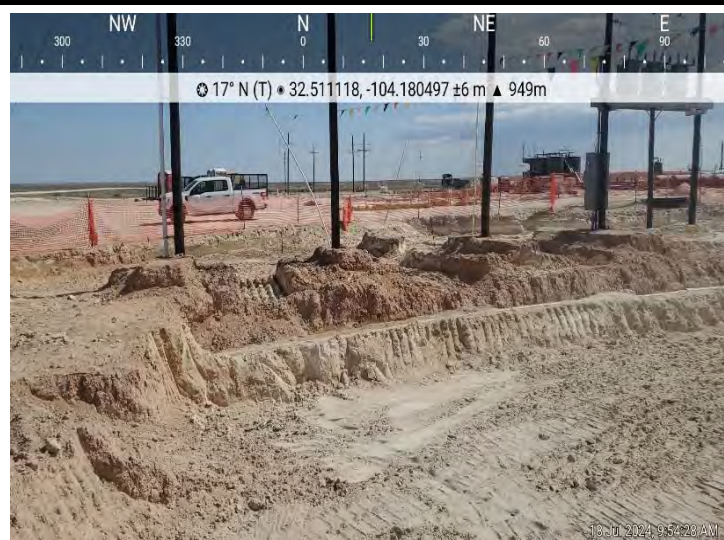
**Description:**  
View of Fiberglass pipeline within excavation

**Photograph No. 18**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Power Poles





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 19**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

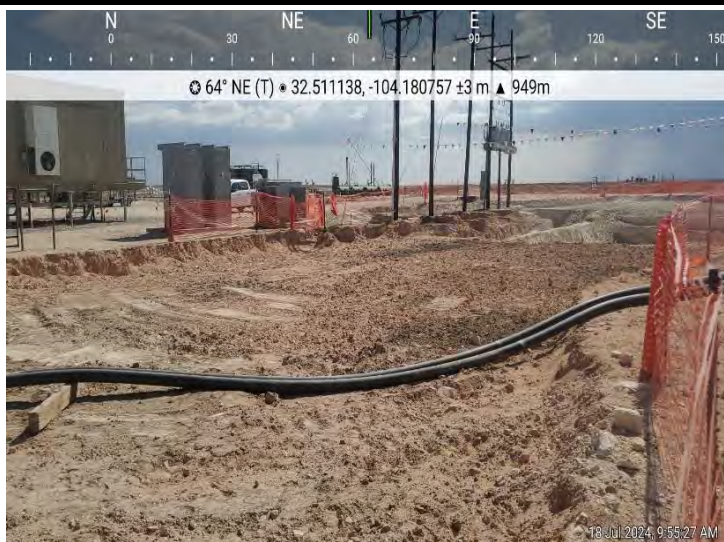
**Description:**  
View of Excavation

**Photograph No. 20**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation

**Photograph No. 21**

**Facility:** Burton Flat Deep Unit 44

**County:** Eddy County, New Mexico

**Description:**  
View of Excavation





## **LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**



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

April 30, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT DEEP UNIT 44

Enclosed are the results of analyses for samples received by the laboratory on 04/25/24 13:35.

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](http://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, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 1 ( 0-.5 ) (H242210-01)**

BTX 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	04/25/2024	ND	2.51	125	2.00	8.60	
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80	
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80	
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96	
Total BTX	<0.300	0.300	04/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	1220	16.0	04/26/2024	ND	416	104	400	7.41		

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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 1 ( 1-1.5' ) (H242210-02)**

BTX 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	04/25/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96		
Total BTX	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	04/26/2024	ND	416	104	400	7.41		

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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 1 ( 2-2.5' ) (H242210-03)**

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	04/25/2024	ND	2.51	125	2.00	8.60	
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80	
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80	
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96	
Total BTEx	<0.300	0.300	04/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	704	16.0	04/26/2024	ND	416	104	400	7.41	

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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 1 ( 3-3.5' ) (H242210-04)**

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	04/25/2024	ND	2.51	125	2.00	8.60	
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80	
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80	
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96	
Total BTEX	<0.300	0.300	04/25/2024	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	640	16.0	04/26/2024	ND	416	104	400	7.41	

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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 1 ( 4-4.5' ) (H242210-05)**

BTX 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	04/25/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96		
Total BTX	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	640	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 2 ( 0-.5' ) (H242210-06)**

BTX 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	04/25/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96		
Total BTX	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	3160	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 2 ( 1-1.5' ) (H242210-07)**

BTX 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	04/25/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96		
Total BTX	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 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	176	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 2 ( 2-2.5' ) (H242210-08)**

BTX 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	04/25/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96		
Total BTX	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 2 ( 3-3.5' ) (H242210-09)**

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	04/25/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96		
Total BTEx	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 2 ( 4-4.5' ) (H242210-10)**

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	04/25/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/25/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	7.13	119	6.00	7.96		
Total BTEx	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 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	48.0	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 3 ( 0-.5' ) (H242210-11)**

BTX 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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTX	<0.300	0.300	04/26/2024	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	10900	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 3 ( 1-1.5' ) (H242210-12)**

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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 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	1600	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 3 ( 2-2.5' ) (H242210-13)**

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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	352	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 3 ( 3-3.5' ) (H242210-14)**

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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 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	576	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 3 ( 4-4.5' ) (H242210-15)**

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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 4 ( 0-.5' ) (H242210-16)**

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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	22000	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 4 ( 1-1.5' ) (H242210-17)**

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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 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	3000	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 4 ( 2-2.5' ) (H242210-18)**

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	04/26/2024	ND	2.51	125	2.00	8.60		
Toluene*	<0.050	0.050	04/26/2024	ND	2.39	120	2.00	8.80		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.38	119	2.00	8.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	7.13	119	6.00	7.96		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 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	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 4 ( 3-3.5' ) (H242210-19)**

BTX 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	04/25/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/25/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	5.04	84.0	6.00	4.79		
Total BTX	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	256	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 4 ( 4-4.5' ) (H242210-20)**

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	04/25/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/25/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	5.04	84.0	6.00	4.79		
Total BTEx	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	400	16.0	04/29/2024	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	04/26/2024	ND	182	90.9	200	2.45	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	175	87.5	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 5 ( 0-.5' ) (H242210-21)**

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	04/25/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/25/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/25/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/25/2024	ND	5.04	84.0	6.00	4.79		
Total BTEX	<0.300	0.300	04/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	22400	16.0	04/29/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 5 ( 1-1.5' ) (H242210-22)**

BTX 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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 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	12400	16.0	04/29/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 5 ( 2-2.5' ) (H242210-23)**

BTX 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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	720	16.0	04/29/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 5 ( 3-3.5' ) (H242210-24)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10	
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79	
Total BTEX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	720	16.0	04/29/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 5 ( 4-4.5' ) (H242210-25)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	624	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 101 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 0-.5' ) (H242210-26)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	33600	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 1-1.5' ) (H242210-27)**

BTX 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	04/26/2024	ND	1.81	90.4	2.00	5.10	
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79	
Total BTX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	5280	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 2-2.5' ) (H242210-28)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10	
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79	
Total BTEX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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	24000	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 3-3.5' ) (H242210-29)**

BTX 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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	20000	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 4-4.5' ) (H242210-30)**

BTX 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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.1 % 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	2400	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 5-5.5' ) (H242210-31)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	1800	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 6-6.5' ) (H242210-32)**

BTX 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	04/26/2024	ND	1.81	90.4	2.00	5.10	
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79	
Total BTX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	1250	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 7-7.5' ) (H242210-33)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	1420	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 6 ( 8-8.5' ) (H242210-34)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	2400	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 0-.5' ) (H242210-35)**

BTX 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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 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	27600	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 1-1.5' ) (H242210-36)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10	
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79	
Total BTEX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	17000	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 2-2.5' ) (H242210-37)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10		
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 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	23600	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 3-3.5' ) (H242210-38)**

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	04/26/2024	ND	1.81	90.4	2.00	5.10	
Toluene*	<0.050	0.050	04/26/2024	ND	1.75	87.5	2.00	5.30	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.73	86.4	2.00	4.80	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.04	84.0	6.00	4.79	
Total BTEX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	11600	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 4-4.5' ) (H242210-39)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253	
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117	
Total BTX	<0.300	0.300	04/26/2024	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	12800	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 5-5.5' ) (H242210-40)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	1330	16.0	04/26/2024	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	04/26/2024	ND	209	104	200	1.19	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	199	99.4	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 6-6.5' ) (H242210-41)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	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	272	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 7-7.5' ) (H242210-42)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	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	992	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 7 ( 8-8.5' ) (H242210-43)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	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	912	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 8 ( 0-0.5' ) (H242210-44)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	640	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 8 ( 1-1.5' ) (H242210-45)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	208	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 8 ( 2-2.5' ) (H242210-46)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 9 ( 0-.5' ) (H242210-47)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	128	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 9 ( 1-1.5' ) (H242210-48)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	224	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 109 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 9 ( 2-2.5' ) (H242210-49)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	160	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 10 ( 0-.5' ) (H242210-50)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	32.0	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 10 ( 1-1.5' ) (H242210-51)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	272	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 10 ( 2-2.5' ) (H242210-52)**

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	04/26/2024	ND	2.25	113	2.00	0.253	
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117	
Total BTEX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	272	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 11 ( 0-.5' ) (H242210-53)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	16.0	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 11 ( 1-1.5' ) (H242210-54)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 11 ( 2-2.5' ) (H242210-55)**

BTX 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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTX	<0.300	0.300	04/26/2024	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	128	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 12 ( 0-.5' ) (H242210-56)**

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	04/26/2024	ND	2.25	113	2.00	0.253		
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117		
Total BTEX	<0.300	0.300	04/26/2024	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	704	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 12 ( 1-1.5' ) (H242210-57)**

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	04/26/2024	ND	2.25	113	2.00	0.253	
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117	
Total BTEX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 12 ( 2-2.5' ) (H242210-58)**

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	04/26/2024	ND	2.25	113	2.00	0.253	
Toluene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.153	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.29	114	2.00	0.0801	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.91	115	6.00	0.117	
Total BTEX	<0.300	0.300	04/26/2024	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	432	16.0	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 13 ( 0-.5' ) (H242210-59)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 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	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 13 ( 1-1.5' ) (H242210-60)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	04/26/2024	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	04/26/2024	ND	181	90.4	200	2.77	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	182	91.1	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 13 ( 2-2.5' ) (H242210-61)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 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	32.0	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 14 ( 0-.5' ) (H242210-62)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 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	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 14 ( 1-1.5' ) (H242210-63)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	144	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 14 ( 2-2.5' ) (H242210-64)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.2 % 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	272	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 15 ( 0-.5' ) (H242210-65)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 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	800	16.0	04/26/2024	ND	448	112	400	0.00	QM-07	

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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 15 ( 1-1.5' ) (H242210-66)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58	
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10	
Total BTEX	<0.300	0.300	04/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	512	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	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



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: V - 15 ( 2-2.5' ) (H242210-67)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 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	448	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 1 ( 0-.5' ) (H242210-68)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEx	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 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	112	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 2 ( 0-.5' ) (H242210-69)**

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	04/26/2024	ND	1.81	90.4	2.00	5.58		
Toluene*	<0.050	0.050	04/26/2024	ND	1.76	88.1	2.00	5.45		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	1.74	87.1	2.00	5.18		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	5.10	85.0	6.00	5.10		
Total BTEX	<0.300	0.300	04/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 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	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 3 ( 0-.5' ) (H242210-70)**

BTX 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	04/26/2024	ND	2.20	110	2.00	1.83		
Toluene*	<0.050	0.050	04/26/2024	ND	2.23	112	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.23	111	2.00	2.78		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.75	113	6.00	2.59		
Total BTX	<0.300	0.300	04/26/2024	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	288	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 4 ( 0-.5' ) (H242210-71)**

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	04/26/2024	ND	2.20	110	2.00	1.83	
Toluene*	<0.050	0.050	04/26/2024	ND	2.23	112	2.00	2.27	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.23	111	2.00	2.78	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.75	113	6.00	2.59	
Total BTEX	<0.300	0.300	04/26/2024	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	80.0	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 5 ( 0-.5' ) (H242210-72)**

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	04/26/2024	ND	2.20	110	2.00	1.83		
Toluene*	<0.050	0.050	04/26/2024	ND	2.23	112	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.23	111	2.00	2.78		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.75	113	6.00	2.59		
Total BTEX	<0.300	0.300	04/26/2024	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	32.0	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 6 ( 0-.5' ) (H242210-73)**

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	04/26/2024	ND	2.20	110	2.00	1.83		
Toluene*	<0.050	0.050	04/26/2024	ND	2.23	112	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.23	111	2.00	2.78		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.75	113	6.00	2.59		
Total BTEX	<0.300	0.300	04/26/2024	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	128	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 7 ( 0-.5' ) (H242210-74)**

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	04/26/2024	ND	2.20	110	2.00	1.83	
Toluene*	<0.050	0.050	04/26/2024	ND	2.23	112	2.00	2.27	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.23	111	2.00	2.78	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.75	113	6.00	2.59	
Total BTEx	<0.300	0.300	04/26/2024	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	32.0	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 8 ( 0-.5' ) (H242210-75)**

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	04/26/2024	ND	2.20	110	2.00	1.83		
Toluene*	<0.050	0.050	04/26/2024	ND	2.23	112	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.23	111	2.00	2.78		
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.75	113	6.00	2.59		
Total BTEX	<0.300	0.300	04/26/2024	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	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 04/25/2024  
 Reported: 04/30/2024  
 Project Name: BURTON FLAT DEEP UNIT 44  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 04/25/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 9 ( 0-.5' ) (H242210-76)**

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	04/26/2024	ND	2.20	110	2.00	1.83	
Toluene*	<0.050	0.050	04/26/2024	ND	2.23	112	2.00	2.27	
Ethylbenzene*	<0.050	0.050	04/26/2024	ND	2.23	111	2.00	2.78	
Total Xylenes*	<0.150	0.150	04/26/2024	ND	6.75	113	6.00	2.59	
Total BTEx	<0.300	0.300	04/26/2024	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	336	16.0	04/26/2024	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	04/26/2024	ND	187	93.3	200	2.33	
DRO >C10-C28*	<10.0	10.0	04/26/2024	ND	197	98.4	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	04/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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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### 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.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





## Chain of Custody

Work Order No: \_\_\_\_\_

H242210

Page 79 of 86

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dyn.com

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: <input type="checkbox"/>	



[illegible][illegible]

Additional Comments:

Client approved running 4500 cl. to

4-75-74

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		4-25-24 1:35			





Chain of Custody

Work Order No: H2422216

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@devon.com

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:	Burton Flat Deep Unit SWD	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST																	
Project Number:	237289	Due Date:																				
Project Location:	Eddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm																				
Sampler's Name:	Tyler Kimball																					
PO #	21327490																					
SAMPLE RECEIPT																						
Received Inact:	Temp Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Thermometer ID:	140																			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:																				
Total Containers:	76	Temperature Reading:	-3.7°C																			
		Corrected Temperature:																				
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters														
V-3	(0-.5)	4/25/2024		X		Grab/	1	X	X	X	BTEX 8021B											
V-3	(1-1.5)	4/25/2024		X		Grab/	1	X	X	X	TPH 8015M ( GRO + DRO + MRO)											
V-3	(2-2.5)	4/25/2024		X		Grab/	1	X	X	X	Chloride <del>300</del> 4500											
V-3	(3-3.5)	4/25/2024		X		Grab/	1	X	X	X												
V-3	(4-4.5)	4/25/2024		X		Grab/	1	X	X	X												
V-4	(0-.5)	4/25/2024		X		Grab/	1	X	X	X												
V-4	(1-1.5)	4/25/2024		X		Grab/	1	X	X	X												
V-4	(2-2.5)	4/25/2024		X		Grab/	1	X	X	X												
V-4	(3-3.5)	4/25/2024		X		Grab/	1	X	X	X												
V-4	(4-4.5)	4/25/2024		X		Grab/	1	X	X	X												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		4-25-24 1335			



## Chain of Custody

Work Order No: \_\_\_\_\_

4242216

Page 81 of 86



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:		Burton Flat Deep Unit SWD		Turn Around	
Project Number:		237289		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	
Project Location		Eddy Co, NM		Due Date:	
Sampler's Name:		Tyler Kimball		TAT starts the day received by the lab, if received by 4:30pm	
PO #		21327490			
SAMPLE RECEIPT		Temp Blank:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Received In tact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:	
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Correction Factor:	
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature Reading:	
Total Containers:		76		Corrected Temperature:	
<div>Parameters</div> <div>           BTEX 8021B            8015M ( GRO + DRO + MRO)            Chloride <del>300</del> 4500         </div> <div>           HOLD            H<sub>3</sub>PO<sub>4</sub>: HP            NaHSO<sub>4</sub>: NABIS            Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>: NASO<sub>3</sub>            Zn Acetate+NaOH: Zn            NaOH+Ascorbic Acid: SAPC         </div>					
ANALYSIS REQUEST					
Preservative Codes					
None: NO		DI Water: H <sub>2</sub> O			
Cool: Cool		MeOH: Me			
HCL: HC		HNO <sub>3</sub> : HN			
H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>		NaOH: Na			

[illegible]

**Additional Comments:**

**Notice:** Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenoco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		4-25-24 1335			





Chain of Custody

Work Order No:

424222

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State Zip:	Carlsbad, NM 88220	City, State Zip:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dev.com

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 <input type="checkbox"/>	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Burton Flat Deep Unit SWD	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	237289	Due Date:															None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC						
Project Location:	Eddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm																					
Sampler's Name:	Tyler Kimball																						
PO #:	21327490																						
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																					
Total Containers:	76	Corrected Temperature:																					
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments			
V-6	(5-5.5)	4/25/2024		X		Grab/	1	BTEX 8021B															
V-6	(6-6.5)	4/25/2024		X		Grab/	1	TPH 8015M ( GRO + DRO + MRO)															
V-6	(7-7.5)	4/25/2024		X		Grab/	1	Chloride <del>300</del> 4500															
V-6	(8-8.5)	4/25/2024		X		Grab/	1																
V-7	(0-.5)	4/25/2024		X		Grab/	1																
V-7	(1-1.5)	4/25/2024		X		Grab/	1																
V-7	(2-2.5)	4/25/2024		X		Grab/	1																
V-7	(3-3.5)	4/25/2024		X		Grab/	1																
V-7	(4-4.5)	4/25/2024		X		Grab/	1																
V-7	(5-5.5)	4/25/2024		X		Grab/	1																

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	4-25-24 1335			





Chain of Custody

Work Order No: H24222

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@devon.com

Work Order Comments	
Program: <input type="checkbox"/> UST/PT <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	State of Project:
Reporting Level: <input type="checkbox"/> I <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Burton Flat Deep Unit SWD	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST														
Project Number:	237289	Due Date:	TAT starts the day received by the lab, if received by 4:30pm																
Project Location:	Eddy Co, NM																		
Sampler's Name:	Tyler Kimball																		
PO #:	21327490																		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														
Received Inlet:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-- 37.2																
Total Containers:	76	Corrected Temperature:																	
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters											
V-7	(6-6.5)	4/25/2024		X		Grab/	1	BTEX 8021B											
V-7	(7-7.5)	4/25/2024		X		Grab/	1	TPH 8015M ( GRO + DRO + MRO)											
V-7	(8-8.5)	4/25/2024		X		Grab/	1	Chloride <del>800</del> 4500											
V-8	(0-5)	4/25/2024		X		Grab/	1												
V-8	(1-1.5)	4/25/2024		X		Grab/	1												
V-8	(2-2.5)	4/25/2024		X		Grab/	1												
V-9	(0-5)	4/25/2024		X		Grab/	1												
V-9	(1-1.5)	4/25/2024		X		Grab/	1												
V-9	(2-2.5)	4/25/2024		X		Grab/	1												
V-10	(0-5)	4/25/2024		X		Grab/	1												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	4-25-24 1335			





Chain of Custody

Work Order No: H24221

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2155	Email:	Wesley Matthews@dvn.com

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: <input type="checkbox"/>
Reporting Level: <input type="checkbox"/> I <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name:		Burton Flat Deep Unit SWD			Turn Around		ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Project Number:		237289			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

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>	4-25-24 1335			





Chain of Custody

Work Order No: H24221

Page 7 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@devon.com

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 I <input type="checkbox"/> 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:	Burton Flat Deep Unit SWD	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	237289	Due Date:															None: NO	DI Water: H <sub>2</sub> O					
Project Location:	Eddy Co, NM																Cool: Cool	MeOH: Me					
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm															HCL: HCL	HNO <sub>3</sub> : HN					
PO #:	21327490																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP					
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn					
Total Containers:	76	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC					
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments			
V-13	(2-2.5)	4/25/2024		X		Grab/	1	X	X	X	BTEX 8021B												
V-14	(0-5)	4/25/2024		X		Grab/	1	X	X	X	TPH 8015M ( GRO + DRO + MRO)												
V-14	(1-1.5)	4/25/2024		X		Grab/	1	X	X	X	Chloride <del>300</del> <u>254</u>												
V-14	(2-2.5)	4/25/2024		X		Grab/	1	X	X	X													
V-15	(0-5)	4/25/2024		X		Grab/	1	X	X	X													
V-15	(1-1.5)	4/25/2024		X		Grab/	1	X	X	X													
V-15	(2-2.5)	4/25/2024		X		Grab/	1	X	X	X													
H-1	(0-5)	4/25/2024		X		Grab/	1	X	X	X													
H-2	(0-5)	4/25/2024		X		Grab/	1	X	X	X													
H-3	(0-5)	4/25/2024		X		Grab/	1	X	X	X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>4/25/24 1335</u>			





Chain of Custody

Work Order No:

12422210

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 89220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@devon.com

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: I <input type="checkbox"/> 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:	Burton Flat Deep Unit SWD	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST																	
Project Number:	237289	Due Date:	TAT starts the day received by the lab, if received by 4:30pm																			
Project Location:	Eddy Co, NM																					
Sampler's Name:	Tyler Kimball																					
PO #:	21327490																					
SAMPLE RECEIPT																						
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140																			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																				
Total Containers:	76	Temperature Reading:	-3.7°C																			
		Corrected Temperature:																				
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters														
H-4	(0-5)	4/25/2024		X		Grab/	1	X	X	X	BTEX 8021B											
H-5	(0-5)	4/25/2024		X		Grab/	1	X	X	X	TPH 8015M ( GRO + DRO + MRO)											
H-6	(0-5)	4/25/2024		X		Grab/	1	X	X	X	Chloride 300. 4500											
H-7	(0-5)	4/25/2024		X		Grab/	1	X	X	X												
H-8	(0-5)	4/25/2024		X		Grab/	1	X	X	X												
H-9	(0-5)	4/25/2024		X		Grab/	1	X	X	X												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		4-25-24 1335			



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

June 03, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLATS SWD

Enclosed are the results of analyses for samples received by the laboratory on 05/29/24 12:40.

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](http://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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 6' (H242988-01)**

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	05/31/2024	ND	1.79	89.7	2.00	8.39	
Toluene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.76	
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.55	
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.15	85.9	6.00	9.67	
Total BTEX	<0.300	0.300	05/31/2024	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	224	16.0	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 6' (H242988-02)**

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	05/31/2024	ND	1.79	89.7	2.00	8.39		
Toluene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.76		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.55		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.15	85.9	6.00	9.67		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	96.0	16.0	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 7' (H242988-03)**

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	05/31/2024	ND	1.79	89.7	2.00	8.39		
Toluene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.76		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.55		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.15	85.9	6.00	9.67		
Total BTEX	<0.300	0.300	05/31/2024	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	560	16.0	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 8' (H242988-04)**

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	05/31/2024	ND	1.79	89.7	2.00	8.39		
Toluene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.76		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.76	87.9	2.00	9.55		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.15	85.9	6.00	9.67		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 9' (H242988-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/30/2024	ND	1.85	92.5	2.00	3.88		
Toluene*	<0.050	0.050	05/30/2024	ND	1.83	91.7	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.87	93.6	2.00	4.20		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.38	89.6	6.00	3.99		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 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	272	16.0	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 10' (H242988-06)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/30/2024	ND	1.85	92.5	2.00	3.88		
Toluene*	<0.050	0.050	05/30/2024	ND	1.83	91.7	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.87	93.6	2.00	4.20		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.38	89.6	6.00	3.99		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	4930	16.0	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 11' (H242988-07)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/30/2024	ND	1.85	92.5	2.00	3.88		
Toluene*	<0.050	0.050	05/30/2024	ND	1.83	91.7	2.00	3.80		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.87	93.6	2.00	4.20		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.38	89.6	6.00	3.99		
Total BTEx	<0.300	0.300	05/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 05/29/2024  
 Reported: 06/03/2024  
 Project Name: BURTON FLATS SWD  
 Project Number: 237289  
 Project Location: EDDY CO.

Sampling Date: 05/29/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 7 9' (H242988-08)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2024	ND	1.85	92.5	2.00	3.88	
Toluene*	<0.050	0.050	05/30/2024	ND	1.83	91.7	2.00	3.80	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.87	93.6	2.00	4.20	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.38	89.6	6.00	3.99	
Total BTEX	<0.300	0.300	05/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 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	352	16.0	05/31/2024	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	05/30/2024	ND	207	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	189	94.5	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Mike Snyder For 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.
- 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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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For 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

<b>Company Name:</b> NTC <b>Project Manager:</b> Ethn Segun <b>Address:</b> 709 W. Main <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> 237 266 5456 <b>Fax #:</b> <b>Project #:</b> 237289 <b>Project Owner:</b> Dejon <b>Project Name:</b> Burtan Flats SWD <b>Project Location:</b> Eddy County <b>Sampler Name:</b> Tule-Kum Ball		<b>BILL TO</b> <b>P.O. #:</b> 21160421 <b>Company:</b> Dejon <b>Attn:</b> Pale Woodall <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>	
<b>FOR LAB USE ONLY</b>		<b>ANALYSIS REQUEST</b>	
<b>Lab I.D.</b> H242888	<b>Sample I.D.</b> V-1 6' V-5 6' V-5 7' V-5 8' V-6 9' V-6 10' V-6 11' V-7 9'	<b>MATRIX</b> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>PRESERV</b> <b>DATE</b> <b>TIME</b> SEP 9:00
<b>Relinquished By:</b> [Signature] <b>Relinquished Date:</b> 5-29-24 <b>Time:</b> 12:40 <b>Date:</b> 12:40		<b>Received By:</b> [Signature] <b>Received Date:</b> 5-29-24 <b>Time:</b> 12:40	
<b>Delivered By:</b> (Circle One) Delivered By: <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other:		<b>Observed Temp. °C</b> 1.02 <b>Corrected Temp. °C</b>	
<b>Sample Condition</b> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<b>CHECKED BY:</b> [Signature] <b>Turnaround Time:</b>	
<b>Standard</b> <input checked="" type="checkbox"/> <b>Add'l Phone #:</b> Bacteria (only) Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<b>Observed Temp. °C</b> <b>Corrected Temp. °C</b>	



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

July 22, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT DEEP UNIT 44 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/18/24 14:19.

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](http://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 "Coley D. Keene". The signature is written in a cursive style with a large, stylized '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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 1 (H244324-01)**

BTX 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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	912	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 2 (H244324-02)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	624	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 3 (H244324-03)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	624	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 4 (H244324-04)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEx	<0.300	0.300	07/19/2024	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	704	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 5 (H244324-05)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	624	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 6 (H244324-06)**

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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	640	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 7 (H244324-07)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	560	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 8 (H244324-08)**

BTX 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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	544	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 9 (H244324-09)**

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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	624	16.0	07/19/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 10 (H244324-10)**

BTX 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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTX	<0.300	0.300	07/19/2024	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	640	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 11 (H244324-11)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEx	<0.300	0.300	07/19/2024	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	1040	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 12 (H244324-12)**

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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	976	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 113 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 13 (H244324-13)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEX	<0.300	0.300	07/19/2024	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	464	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 14 (H244324-14)**

BTX 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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	320	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 15 (H244324-15)**

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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 16 (H244324-16)**

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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTEX	<0.300	0.300	07/19/2024	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	07/22/2024	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	07/19/2024	ND	227	113	200	7.28		
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND						

Surrogate: 1-Chlorooctane 101 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 17 (H244324-17)**

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	07/19/2024	ND	2.19	110	2.00	3.01	
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	336	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 18 (H244324-18)**

BTX 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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 111 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 19 (H244324-19)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEX	<0.300	0.300	07/19/2024	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	240	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 20 (H244324-20)**

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	07/19/2024	ND	2.19	110	2.00	3.01		
Toluene*	<0.050	0.050	07/19/2024	ND	2.47	123	2.00	4.84		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.43	122	2.00	4.95		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.50	125	6.00	4.11		
Total BTEX	<0.300	0.300	07/19/2024	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	288	16.0	07/22/2024	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	07/19/2024	ND	227	113	200	7.28	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	227	113	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 21 (H244324-21)**

BTX 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	07/19/2024	ND	2.03	101	2.00	5.86	
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64	
Total BTX	<0.300	0.300	07/19/2024	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	272	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 22 (H244324-22)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEX	<0.300	0.300	07/19/2024	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	448	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 23 (H244324-23)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	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	416	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 24 (H244324-24)**

BTX 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	07/19/2024	ND	2.03	101	2.00	5.86	
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 25 (H244324-25)**

BTX 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	07/19/2024	ND	2.03	101	2.00	5.86	
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64	
Total BTX	<0.300	0.300	07/19/2024	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	880	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 26 (H244324-26)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	3160	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 27 (H244324-27)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 28 (H244324-28)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEX	<0.300	0.300	07/19/2024	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	208	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 29 (H244324-29)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	2920	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 30 (H244324-30)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	12000	16.0	07/22/2024	ND	432	108	400	0.00	QM-07	

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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 31 (H244324-31)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	14400	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 32 (H244324-32)**

BTX 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	07/19/2024	ND	2.03	101	2.00	5.86	
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	12000	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 33 (H244324-33)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	10200	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 34 (H244324-34)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	13200	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 35 (H244324-35)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	10600	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 36 (H244324-36)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	6660	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 37 (H244324-37)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	8660	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 38 (H244324-38)**

BTX 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	07/19/2024	ND	2.03	101	2.00	5.86	
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	5600	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 39 (H244324-39)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	8400	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 40 (H244324-40)**

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	07/19/2024	ND	2.03	101	2.00	5.86		
Toluene*	<0.050	0.050	07/19/2024	ND	1.98	98.8	2.00	5.89		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.05	102	2.00	5.32		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.02	100	6.00	4.64		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	5600	16.0	07/22/2024	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	07/19/2024	ND	229	114	200	6.44	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	208	104	200	8.47	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 41 (H244324-41)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	7200	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93		
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2		
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND						

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 42 (H244324-42)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	8000	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 43 (H244324-43)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	3200	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 44 (H244324-44)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	1880	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93		
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2		
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND						

Surrogate: 1-Chlorooctane 100 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 45 (H244324-45)**

BTX 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	07/19/2024	ND	1.92	96.1	2.00	8.49	
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	4200	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 46 (H244324-46)**

BTX 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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	12600	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 47 (H244324-47)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	4720	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 48 (H244324-48)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	7460	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 49 (H244324-49)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	4080	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 50 (H244324-50)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	6240	16.0	07/22/2024	ND	416	104	400	0.00	QM-07	

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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 51 (H244324-51)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	4960	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 52 (H244324-52)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	6560	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 122 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 53 (H244324-53)**

BTX 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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	2480	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 54 (H244324-54)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	4320	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 55 (H244324-55)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	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	6000	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 56 (H244324-56)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	2000	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 57 (H244324-57)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	1640	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 58 (H244324-58)**

BTX 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	07/19/2024	ND	1.92	96.1	2.00	8.49	
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20	
Total BTX	<0.300	0.300	07/19/2024	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	896	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 109 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 59 (H244324-59)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	1180	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 60 (H244324-60)**

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	07/19/2024	ND	1.92	96.1	2.00	8.49		
Toluene*	<0.050	0.050	07/19/2024	ND	1.92	95.8	2.00	7.11		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.94	97.1	2.00	6.75		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.71	95.2	6.00	7.20		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	224	16.0	07/22/2024	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	07/19/2024	ND	199	99.5	200	6.93	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	209	105	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 61 (H244324-61)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	592	16.0	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 62 (H244324-62)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 108 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 63 (H244324-63)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 64 (H244324-64)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	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	2920	16.0	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 65 (H244324-65)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29	
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	2960	16.0	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 66 (H244324-66)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 67 (H244324-67)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	2240	16.0	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 68 (H244324-68)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	256	16.0	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 69 (H244324-69)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	07/22/2024	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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 70 (H244324-70)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29	
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	128	16.0	07/22/2024	ND	416	104	400	7.41	

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05            The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
- 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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A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 11244324

Page 1 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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:		Burton Flats Deep Unit #44 SWD		Turn Around			Pres. Code	ANALYSIS REQUEST																Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<u>[Signature]</u>	<u>1410 / 7-18-24</u>			
3					
5					





Chain of Custody

Work Order No: 11244324

Page 2 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgdbal.com

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 I <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:	Burton Flats Deep Unit #44 SWD	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	237289	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Eddy Co, NM	Due Date:	48Hr														Cool: Cool	MeOH: Me	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN	
PO #:	21327490																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes No	Well Ice:	Yes No													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes No	Thermometer ID:																NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes No	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes No	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:	153	Corrected Temperature:																NaOH+Ascorbic Acid: S APC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH												Sample Comments	
CS-11	7/18/2024	8:40	X		Grab	1	X	X	X											
CS-12	7/18/2024	8:41	X		Grab	1	X	X	X											
CS-13	7/18/2024	8:42	X		Grab	1	X	X	X											
CS-14	7/18/2024	8:43	X		Grab	1	X	X	X											
CS-15	7/18/2024	8:44	X		Grab	1	X	X	X											
CS-16	7/18/2024	8:45	X		Grab	1	X	X	X											
CS-17	7/18/2024	8:46	X		Grab	1	X	X	X											
CS-18	7/18/2024	8:47	X		Grab	1	X	X	X											
CS-19	7/18/2024	8:48	X		Grab	1	X	X	X											
CS-20	7/18/2024	8:49	X		Grab	1	X	X	X											

Additional Comments:					
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7/18/24 1419			

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Chain of Custody

Work Order No: H244324

Page 3 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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:	

ANALYSIS REQUEST										Preservative Codes	
Project Name:		Burton Flats Deep Unit #44 SWD			Turn Around		Pres. Code		None: NO		DI Water: H <sub>2</sub> O
Project Number:		237289			<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush				Cool: Cool		MeOH: Me
Project Location:		Eddy Co, NM			Due Date:		48Hr		HCL: HC		HNO <sub>3</sub> : HN
Sampler's Name:		Kenny Han			TAT starts the day received by the lab, if received by 4:30pm				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>		NaOH: Na
PO #		21327490							H <sub>3</sub> PO <sub>4</sub> : HP		
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:		Yes	No		
Received Intact:		Yes		No	Thermometer ID:		140				
Cooler Custody Seals:		Yes		No	Correction Factor:						
Sample Custody Seals:		Yes		No	Temperature Reading:		-0.04				
Total Containers:		153		Corrected Temperature:						HOLD	
Sample Identification		Date		Time		Soil		Water		Grab/Comp	
										# of Cont	
CS-21		7/18/2024		8:50		X				Grab	
CS-22		7/18/2024		8:51		X				Grab	
CS-23		7/18/2024		8:52		X				Grab	
CS-24		7/18/2024		8:53		X				Grab	
CS-25		7/18/2024		8:54		X				Grab	
CS-26		7/18/2024		8:55		X				Grab	
CS-27		7/18/2024		8:56		X				Grab	
CS-28		7/18/2024		8:57		X				Grab	
CS-29		7/18/2024		8:58		X				Grab	
CS-30		7/18/2024		8:59		X				Grab	

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	7/18/24 1419	2		
3			4		
5			6		





Chain of Custody

Work Order No: H244324

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Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Burton Flats Deep Unit #44 SWD	Turn Around	Free. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	237289	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date: 48Hr														None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me	
Sampler's Name:	Kenny Han																HCL: HC	HNO <sub>3</sub> : HN	
PO #:	21327490																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No	Wet Ice: Yes <input checked="" type="checkbox"/> No	Thermometer ID: 140														H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No	Correction Factor:															NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No	Temperature Reading:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No	Corrected Temperature:	-0.01														Zn Acetate+NaOH: Zn		
Total Containers:	153																NaOH+Ascorbic Acid: SANC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-31	7/18/2024	8:50	X		Grab	1	X	X	X										
CS-32	7/18/2024	8:51	X		Grab	1	X	X	X										
CS-33	7/18/2024	8:52	X		Grab	1	X	X	X										
CS-34	7/18/2024	8:53	X		Grab	1	X	X	X										
CS-35	7/18/2024	8:54	X		Grab	1	X	X	X										
CS-36	7/18/2024	8:55	X		Grab	1	X	X	X										
CS-37	7/18/2024	8:56	X		Grab	1	X	X	X										
CS-38	7/18/2024	8:57	X		Grab	1	X	X	X										
CS-39	7/18/2024	8:58	X		Grab	1	X	X	X										
CS-40	7/18/2024	8:59	X		Grab	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7/18/24 1419			





Chain of Custody

Work Order No: 11244324

Page 5 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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:	Burton Flats Deep Unit #44 SWD	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		
Project Number:	237289	Due Date:	48Hr			
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm				
Sampler's Name:	Kenny Han					
PO #	21327490					
SAMPLE RECEIPT	Temp Blank:	Yes	No	Well Ice:	Yes	No
Received Intact:	Yes	No		Thermometer ID:	100	
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:		
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:	-0.0°C	
Total Containers:	153	Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-41	7/18/2024	9:00	X		Grab	1	X	X	X	
CS-42	7/18/2024	9:01	X		Grab	1	X	X	X	
CS-43	7/18/2024	9:02	X		Grab	1	X	X	X	
CS-44	7/18/2024	9:03	X		Grab	1	X	X	X	
CS-45	7/18/2024	9:04	X		Grab	1	X	X	X	
CS-46	7/18/2024	9:05	X		Grab	1	X	X	X	
CS-47	7/18/2024	9:06	X		Grab	1	X	X	X	
CS-48	7/18/2024	9:07	X		Grab	1	X	X	X	
CS-49	7/18/2024	9:08	X		Grab	1	X	X	X	
CS-50	7/18/2024	9:09	X		Grab	1	X	X	X	

Additional Comments:					
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7/18/24 1419			





Chain of Custody

Work Order No: 11244324

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Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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:		Burton Flats Deep Unit #44 SWD		Turn Around		Pres. Code	ANALYSIS REQUEST														Preservative Codes	
Project Number:		237289		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush																None: NO	DI Water: H <sub>2</sub> O
Project Location		Eddy Co, NM		Due Date:		48Hr															Cool: Cool	MeOH: Me
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC	HNO <sub>3</sub> : HN
PO #		21327490																			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Temp Blank:		Yes	No	Well Ice:															H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes		No		Thermometer ID:															NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:		Yes		No	N/A	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:		Yes		No	N/A	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:		153		Corrected Temperature:																	NaOH+Ascorbic Acid: SAsPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont.															Sample Comments
CS-51		7/18/2024	9:10	X		Grab	1	X	X	X												
CS-52		7/18/2024	9:11	X		Grab	1	X	X	X												
CS-53		7/18/2024	9:12	X		Grab	1	X	X	X												
CS-54		7/18/2024	9:13	X		Grab	1	X	X	X												
CS-55		7/18/2024	9:14	X		Grab	1	X	X	X												
CS-56		7/18/2024	9:15	X		Grab	1	X	X	X												
CS-57		7/18/2024	9:16	X		Grab	1	X	X	X												
CS-58		7/18/2024	9:17	X		Grab	1	X	X	X												
CS-59		7/18/2024	9:18	X		Grab	1	X	X	X												
CS-60		7/18/2024	9:19	X		Grab	1	X	X	X												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	7/18/24 1419	2		
3			4		
5			6		





Chain of Custody

Work Order No: 1244324

Page 7 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)		Date Woodall
Company Name:	NTG Environmental	Company Name:		Devon
Address:	209 W McKay St	Address:		
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:		
Phone:	432-701-2159	Email:	esessums@ntglobal.com	

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:	Burton Flats Deep Unit #44 SWD	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	237289	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush													None: NO	DI Water: H <sub>2</sub> O
Project Location:	Eddy Co. NM	Due Date:	48Hr													Cool: Cool	MeOH: Me
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO <sub>3</sub> : HN
PO #	21327490															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters										HOLD	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:	153	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments	
CS-61	7/18/2024	9:20	X		Grab	1	X	X	X									
CS-62	7/18/2024	9:21	X		Grab	1	X	X	X									
CS-63	7/18/2024	9:22	X		Grab	1	X	X	X									
CS-64	7/18/2024	9:23	X		Grab	1	X	X	X									
CS-65	7/18/2024	9:24	X		Grab	1	X	X	X									
CS-66	7/18/2024	9:25	X		Grab	1	X	X	X									
CS-67	7/18/2024	9:26	X		Grab	1	X	X	X									
CS-68	7/18/2024	9:27	X		Grab	1	X	X	X									
CS-69	7/18/2024	9:28	X		Grab	1	X	X	X									
CS-70	7/18/2024	9:29	X		Grab	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7-18-24 1419			



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

July 22, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT DEEP UNIT 44 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/18/24 14:19.

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](http://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 "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 71 (H244326-01)**

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	07/19/2024	ND	2.08	104	2.00	3.29	
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	128	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 72 (H244326-02)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 73 (H244326-03)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	112	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 74 (H244326-04)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	144	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 75 (H244326-05)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 76 (H244326-06)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29	
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	160	16.0	07/22/2024	ND	416	104	400	7.41	

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 77 (H244326-07)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	400	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 78 (H244326-08)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	80.0	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 79 (H244326-09)**

BTX 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	07/19/2024	ND	2.08	104	2.00	3.29	
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	07/22/2024	ND	416	104	400	7.41	

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 80 (H244326-10)**

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	07/19/2024	ND	2.08	104	2.00	3.29		
Toluene*	<0.050	0.050	07/19/2024	ND	2.23	112	2.00	3.45		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.27	114	2.00	3.28		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	7.04	117	6.00	3.10		
Total BTEx	<0.300	0.300	07/19/2024	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	944	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	194	96.9	200	7.26	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	190	95.1	200	10.9	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 81 (H244326-11)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	800	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 82 (H244326-12)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	336	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 83 (H244326-13)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	736	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 84 (H244326-14)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	768	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 85 (H244326-15)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	576	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 86 (H244326-16)**

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	07/22/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/22/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/22/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/22/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	592	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 87 (H244326-17)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	544	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 88 (H244326-18)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	848	16.0	07/22/2024	ND	416	104	400	7.41		

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 89 (H244326-19)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	928	16.0	07/22/2024	ND	416	104	400	7.41	

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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 90 (H244326-20)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	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	368	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 91 (H244326-21)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	352	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 92 (H244326-22)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	432	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 93 (H244326-23)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	400	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 94 (H244326-24)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	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	368	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 95 (H244326-25)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	336	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 96 (H244326-26)**

BTX 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	07/19/2024	ND	1.87	93.5	2.00	10.1	
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86	
Total BTX	<0.300	0.300	07/19/2024	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	416	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 97 (H244326-27)**

BTX 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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	432	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 98 (H244326-28)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	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	496	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 99 (H244326-29)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1		
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	480	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 100 (H244326-30)**

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	07/19/2024	ND	1.87	93.5	2.00	10.1	
Toluene*	<0.050	0.050	07/19/2024	ND	1.84	92.1	2.00	8.28	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	1.95	97.6	2.00	7.69	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	5.74	95.7	6.00	7.86	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	432	16.0	07/22/2024	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	07/19/2024	ND	213	106	200	5.20	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	207	104	200	8.21	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 101 (H244326-31)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	352	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 102 (H244326-32)**

BTX 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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	672	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 103 (H244326-33)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	640	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 104 (H244326-34)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	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	640	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 105 (H244326-35)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	320	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 106 (H244326-36)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	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	272	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 107 (H244326-37)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	336	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 108 (H244326-38)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	320	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 109 (H244326-39)**

BTX 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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	320	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 110 (H244326-40)**

BTX 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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	304	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: CS - 111 (H244326-41)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	304	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 112 (H244326-42)**

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	07/19/2024	ND	2.07	103	2.00	1.52		
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	336	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 1 (H244326-43)**

BTX 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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 2 (H244326-44)**

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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTEx	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 3 (H244326-45)**

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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	240	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 4 (H244326-46)**

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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	496	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 5 (H244326-47)**

BTX 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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	160	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW - 6 (H244326-48)**

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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	432	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 7 (H244326-49)**

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	07/19/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/19/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.99	116	6.00	1.97	
Total BTEx	<0.300	0.300	07/19/2024	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	528	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW - 8 (H244326-50)**

BTX 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	07/20/2024	ND	2.07	103	2.00	1.52	
Toluene*	<0.050	0.050	07/20/2024	ND	2.20	110	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/20/2024	ND	2.25	113	2.00	2.13	
Total Xylenes*	<0.150	0.150	07/20/2024	ND	6.99	116	6.00	1.97	
Total BTX	<0.300	0.300	07/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	304	16.0	07/22/2024	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	07/19/2024	ND	197	98.3	200	6.60	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	184	91.9	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 9 (H244326-51)**

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	07/19/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43	
Total BTEX	<0.300	0.300	07/19/2024	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	16200	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 10 (H244326-52)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	20200	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 11 (H244326-53)**

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	07/19/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	320	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 12 (H244326-54)**

BTX 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	07/19/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43	
Total BTX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	10800	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 13 (H244326-55)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	15600	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 14 (H244326-56)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	20400	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 15 (H244326-57)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/19/2024	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	13600	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 16 (H244326-58)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	4560	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 17 (H244326-59)**

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	07/19/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43	
Total BTEX	<0.300	0.300	07/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	784	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW - 18 (H244326-60)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/19/2024	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	688	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 19 (H244326-61)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/19/2024	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	2600	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 20 (H244326-62)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/19/2024	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	3560	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 21 (H244326-63)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEx	<0.300	0.300	07/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 22 (H244326-64)**

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	07/19/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/19/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/19/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/19/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/19/2024	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	2190	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6		
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7		
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND						

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 23 (H244326-65)**

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	07/20/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/20/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/20/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/20/2024	ND	6.32	105	6.00	7.43	
Total BTEX	<0.300	0.300	07/20/2024	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	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 24 (H244326-66)**

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	07/20/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/20/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/20/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/20/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/20/2024	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	144	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/18/2024  
 Reported: 07/22/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/18/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Alyssa Parras

**Sample ID: SW - 25 (H244326-67)**

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	07/20/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/20/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/20/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/20/2024	ND	6.32	105	6.00	7.43	
Total BTEX	<0.300	0.300	07/20/2024	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	10000	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 26 (H244326-68)**

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	07/20/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/20/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/20/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/20/2024	ND	6.32	105	6.00	7.43	
Total BTEX	<0.300	0.300	07/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	11400	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 27 (H244326-69)**

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	07/20/2024	ND	2.12	106	2.00	6.11	
Toluene*	<0.050	0.050	07/20/2024	ND	2.06	103	2.00	7.27	
Ethylbenzene*	<0.050	0.050	07/20/2024	ND	2.15	107	2.00	7.93	
Total Xylenes*	<0.150	0.150	07/20/2024	ND	6.32	105	6.00	7.43	
Total BTEx	<0.300	0.300	07/20/2024	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	10200	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/18/2024	Sampling Date:	07/18/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 28 (H244326-70)**

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	07/20/2024	ND	2.12	106	2.00	6.11		
Toluene*	<0.050	0.050	07/20/2024	ND	2.06	103	2.00	7.27		
Ethylbenzene*	<0.050	0.050	07/20/2024	ND	2.15	107	2.00	7.93		
Total Xylenes*	<0.150	0.150	07/20/2024	ND	6.32	105	6.00	7.43		
Total BTEX	<0.300	0.300	07/20/2024	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	13400	16.0	07/22/2024	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	07/19/2024	ND	199	99.4	200	13.6	
DRO >C10-C28*	<10.0	10.0	07/19/2024	ND	201	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/19/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

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### Notes and Definitions

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

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a light blue horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H244320

Page 8 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Program: <input type="checkbox"/> UST/ <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unfund	
State of Project:	
Reporting Level: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other.

Project Name:		Burton Flats Deep Unit #44 SWD		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes												
Project Number:		237289		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush															None: NO	DI Water: H <sub>2</sub> O											
Project Location:		Eddy Co, NM		Due Date:		48Hr														Cool: Cool	MeOH: Me											
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO <sub>3</sub> : HN											
PO #:		21327490																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na											
SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:		Yes		No											H <sub>3</sub> PO <sub>4</sub> : HP											
Received In tact:		Yes		No	Thermometer ID:		#140														NaHSO <sub>4</sub> : NABIS											
Cooler Custody Seals:		Yes		No	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>											
Sample Custody Seals:		Yes		No	Temperature Reading:		-0.00														Zn Acetate+NaOH: Zn											
Total Containers:		153		Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC										
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments												
CS-71		7/18/2024	9:30	X		Grab	1	BTEX 8021B																								
CS-72		7/18/2024	9:31	X		Grab	1	TPH 8015M ( GRO + DRO + MRO)																								
CS-73		7/18/2024	9:32	X		Grab	1	Chloride 4500																								
CS-74		7/18/2024	9:33	X		Grab	1																									
CS-75		7/18/2024	9:34	X		Grab	1																									
CS-76		7/18/2024	9:35	X		Grab	1																									
CS-77		7/18/2024	9:36	X		Grab	1																									
CS-78		7/18/2024	9:37	X		Grab	1																									
CS-79		7/18/2024	9:38	X		Grab	1																									
CS-80		7/18/2024	9:39	X		Grab	1																									
Additional Comments:																																

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7/18/24 1419			





Chain of Custody

Work Order No: 17244324

Page 9 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Program: <input type="checkbox"/> UST/ <input type="checkbox"/> 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"/> RRP <input type="checkbox"/> Level IV	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Burton Flats Deep Unit #44 SWD	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	237289	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None, NO	DI Water, H <sub>2</sub> O			
Project Location:	Eddy Co. NM	Due Date:			48Hr													Cool, Cool	MeOH, Me		
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm																HCL, HC	HNO <sub>3</sub> , HN		
PO #:	21327490																H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub>	NaOH, Na			
SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:	Yes	No													H <sub>3</sub> PO <sub>4</sub> , HP	
Received In tact:	Yes	No	Thermometer ID:														NaHSO <sub>4</sub> , NABIS				
Cooler Custody Seals:	Yes	No	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> , NaSO <sub>3</sub>				
Sample Custody Seals:	Yes	No	Temperature Reading:														Zn Acetate+NaOH, Zn				
Total Containers:	153	Corrected Temperature:															NaOH+Ascorbic Acid, SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST												Preservative Codes	Sample Comments
CS-81	7/18/2024	9:40	X		Grab	1	X	X	X	X											
CS-82	7/18/2024	9:41	X		Grab	1	X	X	X	X											
CS-83	7/18/2024	9:42	X		Grab	1	X	X	X	X											
CS-84	7/18/2024	9:43	X		Grab	1	X	X	X	X											
CS-85	7/18/2024	9:44	X		Grab	1	X	X	X	X											
CS-86	7/18/2024	9:45	X		Grab	1	X	X	X	X											
CS-87	7/18/2024	9:46	X		Grab	1	X	X	X	X											
CS-88	7/18/2024	9:47	X		Grab	1	X	X	X	X											
CS-89	7/18/2024	9:48	X		Grab	1	X	X	X	X											
CS-90	7/18/2024	9:49	X		Grab	1	X	X	X	X											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7-18-24 1419			





Work Order No: H244320

Page 10 of 16

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: _____	

NaOH+Ascorbic Acid SAPC										
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH		Sample Comments
CS-91		7/18/2024	9:50	X		Grab	1	X	X	
CS-92		7/18/2024	9:51	X		Grab	1	X	X	X
CS-93		7/18/2024	9:52	X		Grab	1	X	X	X
CS-94		7/18/2024	9:53	X		Grab	1	X	X	X
CS-95		7/18/2024	9:54	X		Grab	1	X	X	X
CS-96		7/18/2024	9:55	X		Grab	1	X	X	X
CS-97		7/18/2024	9:56	X		Grab	1	X	X	X
CS-98		7/18/2024	9:57	X		Grab	1	X	X	X
CS-99		7/18/2024	9:58	X		Grab	1	X	X	X
CS-100		7/18/2024	9:59	X		Grab	1	X	X	X

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		7-15-24 1419	2		
3			4		
5			6		





Chain of Custody

Work Order No: 17240324

Page 11 of 16

Project Manager:	Elhan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PT <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"/> UST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Burton Flats Deep Unit #44 SWD		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:		237289		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code													None: NO	DI Water: H <sub>2</sub> O		
Project Location		Eddy Co. NM		Due Date:		48Hr													Cool: Cool	MeOH: Me		
Sampler's Name:		Kenny Han																	HCL: HC	HNO <sub>3</sub> : HN		
PO #:		21327490																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT				Temp Blank:	Yes No	Well Ice:	Yes No	Parameters														
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:				153	Corrected Temperature:																	
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B													
									TPH 8015M ( GRO + DRO + MRO)													
									Chloride 4500													
CS-101			7/18/2024	10:00	X		Grab	1	X	X	X											
CS-102			7/18/2024	10:01	X		Grab	1	X	X	X											
CS-103			7/18/2024	10:02	X		Grab	1	X	X	X											
CS-104			7/18/2024	10:03	X		Grab	1	X	X	X											
CS-105			7/18/2024	10:04	X		Grab	1	X	X	X											
CS-106			7/18/2024	10:05	X		Grab	1	X	X	X											
CS-107			7/18/2024	10:06	X		Grab	1	X	X	X											
CS-108			7/18/2024	10:07	X		Grab	1	X	X	X											
CS-109			7/18/2024	10:08	X		Grab	1	X	X	X											
CS-110			7/18/2024	10:09	X		Grab	1	X	X	X											

Additional Comments:

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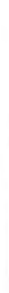

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7-18-24 1419			



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:	

[illegible]

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7-18-24 1419			





Chain of Custody

Work Order No: 17200324

Page 13 of 16

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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:	Burton Flats Deep Unit #44 SWD	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	237289																None: NO	DI Water: H <sub>2</sub> O				
Project Location:	Eddy Co, NM	Due Date:	48Hr														Cool: Cool	MeOH: Me				
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm																HCL: HCL	HNO <sub>3</sub> : HN			
PO #:	21327490																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEIPT					Temp Blank:	Yes No	Wet Ice:	Yes No													H <sub>3</sub> PO <sub>4</sub> : HP	
Received In tact:	Yes <input checked="" type="checkbox"/> No	Thermometer ID:															NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No	Temperature Reading:															Zn Acetate+NaOH: Zn					
Total Containers:	153	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC					

Sample Identification				Parameters																Sample Comments	
Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500													
SW-9	7/18/2024	10:20	X	Grab	1	X	X	X													
SW-10	7/18/2024	10:21	X	Grab	1	X	X	X													
SW-11	7/18/2024	10:22	X	Grab	1	X	X	X													
SW-12	7/18/2024	10:23	X	Grab	1	X	X	X													
SW-13	7/18/2024	10:24	X	Grab	1	X	X	X													
SW-14	7/18/2024	10:25	X	Grab	1	X	X	X													
SW-15	7/18/2024	10:26	X	Grab	1	X	X	X													
SW-16	7/18/2024	10:27	X	Grab	1	X	X	X													
SW-17	7/18/2024	10:28	X	Grab	1	X	X	X													
SW-18	7/18/2024	10:29	X	Grab	1	X	X	X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7-18-24 1419			





Work Order No: H244324

Page 14 of 16

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: <input type="checkbox"/>	

ANALYSIS REQUEST										Preservative Codes							
Project Name:		Burton Flats Deep Unit #44 SWD		Turn Around		Pres. Code											
Project Number:		237289		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush						None: NO DI Water: H <sub>2</sub> O							
Project Location		Eddy Co, NM		Due Date:		48Hr				Cool: Cool MeOH: Me							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm						HCL HCl HNO <sub>3</sub> HN							
PO #		21327490								H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub> NaOH: Na							
SAMPLE RECEIPT				Temp Blank:		Yes No				H <sub>3</sub> PO <sub>4</sub> HP							
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				NaHSO <sub>4</sub> NABIS							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:						Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> NaSO <sub>3</sub>							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		-0.0°C				Zn Acetate+NaOH: Zn							
Total Containers:		153		Corrected Temperature:		-				NaOH+Ascorbic Acid: SAPC							
Sample Identification				Date		Time		Soil		Water		Grab/ Comp		# of Cont		Sample Comments	
SW-19				7/18/2024		10:30		X				Grab		1		X X X	
SW-20				7/18/2024		10:31		X				Grab		1		X X X	
SW-21				7/18/2024		10:32		X				Grab		1		X X X	
SW-22				7/18/2024		10:33		X				Grab		1		X X X	
SW-23				7/18/2024		10:34		X				Grab		1		X X X	
SW-24				7/18/2024		10:35		X				Grab		1		X X X	
SW-25				7/18/2024		10:36		X				Grab		1		X X X	
SW-26				7/18/2024		10:37		X				Grab		1		X X X	
SW-27				7/18/2024		10:38		X				Grab		1		X X X	
SW-28				7/18/2024		10:39		X				Grab		1		X X X	

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7-18-20/1419			



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

July 31, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BURTON FLAT DEEP UNIT 44 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/29/24 11:31.

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](http://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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	07/29/2024	Sampling Date:	07/26/2024
Reported:	07/31/2024	Sampling Type:	Soil
Project Name:	BURTON FLAT DEEP UNIT 44 SWD	Sampling Condition:	Cool & Intact
Project Number:	237289	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: DS - 1 10-10.5' (H244490-01)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20	
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14	
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65	
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35	
Total BTEX	<0.300	0.300	07/30/2024	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	1280	16.0	07/30/2024	ND	448	112	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 1 11-11.5' (H244490-02)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	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	160	16.0	07/30/2024	ND	448	112	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 106 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 1 12-12.5' (H244490-03)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	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	192	16.0	07/30/2024	ND	448	112	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 1 13-13.5' (H244490-04)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	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	32.0	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 2 3-3.5' (H244490-05)**

BTX 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	07/30/2024	ND	1.96	98.2	2.00	7.20	
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14	
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65	
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35	
Total BTX	<0.300	0.300	07/30/2024	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	272	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 2 4-4.5' (H244490-06)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	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	352	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 2 5-5.5' (H244490-07)**

BTX 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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTX	<0.300	0.300	07/30/2024	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	48.0	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 3 3-3.5' (H244490-08)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	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	224	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 3 4-4.5' (H244490-09)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	384	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 3 5-5.5' (H244490-10)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEx	<0.300	0.300	07/30/2024	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	32.0	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 4 3-3.5' (H244490-11)**

BTX 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	07/30/2024	ND	1.96	98.2	2.00	7.20	
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14	
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65	
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35	
Total BTX	<0.300	0.300	07/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	32.0	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 4 4-4.5' (H244490-12)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	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	80.0	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 4 5-5.5' (H244490-13)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/29/2024  
 Reported: 07/31/2024  
 Project Name: BURTON FLAT DEEP UNIT 44 SWD  
 Project Number: 237289  
 Project Location: DEVON - EDDY CO.

Sampling Date: 07/26/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: DS - 5 0-6" (H244490-14)**

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	07/30/2024	ND	1.96	98.2	2.00	7.20		
Toluene*	<0.050	0.050	07/30/2024	ND	2.13	107	2.00	6.14		
Ethylbenzene*	<0.050	0.050	07/30/2024	ND	2.30	115	2.00	4.65		
Total Xylenes*	<0.150	0.150	07/30/2024	ND	6.87	114	6.00	4.35		
Total BTEX	<0.300	0.300	07/30/2024	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	<16.0	16.0	07/30/2024	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	07/30/2024	ND	220	110	200	2.35	
DRO >C10-C28*	<10.0	10.0	07/30/2024	ND	190	94.9	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	07/30/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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.
- 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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 1244490

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PT <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/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:	Burton Flat Deep Unit 44 (SWD)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	237289	Due Date:	48 Hours														None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Eddy County																Cool: Cool	MeOH: Me	
Sampler's Name:	Kenny Han																HCL: HC	HNO <sub>3</sub> : HN	
PO #	21327490																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140															NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-0.3°C															Zn Acetate+NaOH: Zn	
Total Containers:	14	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH 8										NaOH+Ascorbic Acid: SAPC	
DS-1	10-10.5'	7/26/2024	9:00	X		Grab	1	X	X	X									
DS-1	11-11.5'	7/26/2024	9:03	X		Grab	1	X	X	X									
DS-1	12-12.5'	7/26/2024	9:06	X		Grab	1	X	X	X									
DS-1	13-13.5'	7/26/2024	9:09	X		Grab	1	X	X	X									
DS-2	3-3.5'	7/26/2024	9:12	X		Grab	1	X	X	X									
DS-2	4-4.5'	7/26/2024	9:15	X		Grab	1	X	X	X									
DS-2	5-5.5'	7/26/2024	9:18	X		Grab	1	X	X	X									
DS-3	3-3.5'	7/26/2024	9:21	X		Grab	1	X	X	X									
DS-3	4-4.5'	7/26/2024	9:24	X		Grab	1	X	X	X									
DS-3	5-5.5'	7/26/2024	9:27	X		Grab	1	X	X	X									

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7-27-24 11:31			



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: EOD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	

Additional Comments:

Reinquished by: (Signature)

Released to Imaging: 12/23/2024 8:20:45 AM



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Ethan Sessums  
NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706  
Generated 8/6/2024 4:12:00 PM

## JOB DESCRIPTION

Burton Flat Deep Unit 44 (SWD)  
Eddy County

## JOB NUMBER

890-6969-1

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad NM 88220



## Eurofins Carlsbad

### Job Notes

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

### Authorization



Generated  
8/6/2024 4:12:00 PM

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

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Laboratory Job ID: 890-6969-1  
SDG: Eddy County

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## Definitions/Glossary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy 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
F1	MS and/or MSD recovery exceeds control limits.
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
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



## Case Narrative

Client: NT Global  
Project: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1

Job ID: 890-6969-1

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**Job Narrative**  
**890-6969-1**

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

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

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

**Receipt**

The samples were received on 8/2/2024 9:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.0°C.

**Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-4 (890-6969-1), CS-6 (890-6969-2), CS-9 (890-6969-3), CS-10 (890-6969-4), CS-11 (890-6969-5), CS-12 (890-6969-6), CS-13 (890-6969-7), CS-25 (890-6969-8), CS-29 (890-6969-9), CS-31 (890-6969-10), CS-32 (890-6969-11), CS-34 (890-6969-12), CS-35 (890-6969-13), CS-37 (890-6969-14), CS-38 (890-6969-15), CS-41 (890-6969-16), CS-43 (890-6969-17), CS-44 (890-6969-18), CS-56 (890-6969-19), CS-57 (890-6969-20), CS-58 (890-6969-21), CS-59 (890-6969-22), CS-80 (890-6969-23), CS-81 (890-6969-24), CS-83 (890-6969-25), CS-84 (890-6969-26), CS-88 (890-6969-27), CS-89 (890-6969-28), CS-102 (890-6969-29), CS-103 (890-6969-30), CS-104 (890-6969-31), CS-113 (890-6969-32), CS-114 (890-6969-33), CS-115 (890-6969-34), CS-116 (890-6969-35), CS-117 (890-6969-36), CS-118 (890-6969-37), SW-9A (890-6969-38), SW-10A (890-6969-39), SW-13A (890-6969-40), SW-14A (890-6969-41), SW-20A (890-6969-42), SW-22A (890-6969-43), SW-42 (890-6969-44), SW-43 (890-6969-45), SW-44 (890-6969-46), SW-45 (890-6969-47), SW-46 (890-6969-48), SW-47 (890-6969-49), SW-48 (890-6969-50), (890-6969-51), (890-6969-52), (890-6969-53), (890-6969-54), (890-6969-55), (890-6969-56), (890-6969-57), (890-6969-58), (890-6969-59), (890-6969-60), SW-49 (890-6969-61), SW-50 (890-6969-62), SW-51 (890-6969-63), SW-52 (890-6969-64), SW-53 (890-6969-65), SW-54 (890-6969-66) and SW-55 (890-6969-67).

**GC VOA**

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-87462 and analytical batch 880-87443 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-87462 and analytical batch 880-87443 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-58 (890-6969-21), CS-59 (890-6969-22), CS-80 (890-6969-23), CS-83 (890-6969-25), CS-89 (890-6969-28), CS-102 (890-6969-29), CS-114 (890-6969-33), CS-115 (890-6969-34), CS-116 (890-6969-35) and SW-9A (890-6969-38). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-20A (890-6969-42). Evidence of matrix interferences is not obvious.

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

**Diesel Range Organics**

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-87417 and analytical batch 880-87519 was outside the upper control limits.

Method 8015MOD\_NM: The continuing calibration verification (CCV) associated with batch 880-87517 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour limit, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-87517/21).

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## Case Narrative

Client: NT Global  
Project: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1

### Job ID: 890-6969-1 (Continued)

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Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: CS-81 (890-6969-24), CS-103 (890-6969-30), CS-118 (890-6969-37), SW-13A (890-6969-40), (LCS 880-87421/2-A) and (LCSD 880-87421/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-87421 and analytical batch 880-87450 was outside the upper control limits.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-87421 and analytical batch 880-87450 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-87422 and analytical batch 880-87448 was outside the upper control limits.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-87422 and analytical batch 880-87448 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.

#### HPLC/IC

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

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-4

Lab Sample ID: 890-6969-1

Date Collected: 08/01/24 09:09

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 19:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 19:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 19:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/03/24 19:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 19:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/03/24 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/03/24 08:19	08/03/24 19:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/03/24 08:19	08/03/24 19:12	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/03/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 11:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		08/02/24 16:30	08/05/24 11:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		08/02/24 16:30	08/05/24 11:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	08/02/24 16:30	08/05/24 11:36	1
o-Terphenyl	95		70 - 130	08/02/24 16:30	08/05/24 11:36	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		5.02		mg/Kg			08/05/24 10:39	1

Client Sample ID: CS-6

Lab Sample ID: 890-6969-2

Date Collected: 08/01/24 09:12

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 19:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 19:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 19:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/03/24 19:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 19:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/03/24 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/03/24 08:19	08/03/24 19:32	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/03/24 08:19	08/03/24 19:32	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-6

Lab Sample ID: 890-6969-2

Date Collected: 08/01/24 09:12

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 19:32	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			08/05/24 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 12:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 12:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				08/02/24 16:30	08/05/24 12:38	1
o-Terphenyl	88		70 - 130				08/02/24 16:30	08/05/24 12:38	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.05		mg/Kg			08/05/24 11:05	1

Client Sample ID: CS-9

Lab Sample ID: 890-6969-3

Date Collected: 08/01/24 09:15

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 19:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 19:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 19:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/03/24 19:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 19:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/03/24 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				08/03/24 08:19	08/03/24 19:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/03/24 08:19	08/03/24 19:53	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/03/24 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 12:59	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		08/02/24 16:30	08/05/24 12:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 12:59	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Client Sample ID: CS-9

## Lab Sample ID: 890-6969-3

Date Collected: 08/01/24 09:15

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:30	08/05/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/02/24 16:30	08/05/24 12:59	1
o-Terphenyl	103		70 - 130				08/02/24 16:30	08/05/24 12:59	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		4.97		mg/Kg			08/05/24 11:14	1

## Client Sample ID: CS-10

## Lab Sample ID: 890-6969-4

Date Collected: 08/01/24 09:18

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 20:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/03/24 20:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/03/24 20:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/03/24 20:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/03/24 20:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/03/24 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				08/03/24 08:19	08/03/24 20:13	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/03/24 08:19	08/03/24 20:13	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			08/03/24 20:13	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			08/05/24 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 13:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/02/24 16:30	08/05/24 13:20	1
o-Terphenyl	112		70 - 130				08/02/24 16:30	08/05/24 13:20	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.00		mg/Kg			08/05/24 11:23	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-11

Lab Sample ID: 890-6969-5

Date Collected: 08/01/24 09:21

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 20:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 20:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 20:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/03/24 20:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 20:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/03/24 20:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/03/24 08:19	08/03/24 20:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/03/24 08:19	08/03/24 20:34	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/03/24 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 13:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 13:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/02/24 16:30	08/05/24 13:41	1
o-Terphenyl	109		70 - 130	08/02/24 16:30	08/05/24 13:41	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.9		5.02		mg/Kg			08/05/24 11:32	1

Client Sample ID: CS-12

Lab Sample ID: 890-6969-6

Date Collected: 08/01/24 09:24

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 20:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/03/24 20:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/03/24 20:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/03/24 20:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/03/24 20:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/03/24 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	08/03/24 08:19	08/03/24 20:54	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/03/24 08:19	08/03/24 20:54	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-12

Lab Sample ID: 890-6969-6

Date Collected: 08/01/24 09:24

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 20:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 14:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 14:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/02/24 16:30	08/05/24 14:01	1
o-Terphenyl	111		70 - 130				08/02/24 16:30	08/05/24 14:01	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		4.98		mg/Kg			08/05/24 11:58	1

Client Sample ID: CS-13

Lab Sample ID: 890-6969-7

Date Collected: 08/01/24 09:27

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 21:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 21:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 21:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/03/24 21:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 21:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/03/24 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/03/24 08:19	08/03/24 21:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/03/24 08:19	08/03/24 21:15	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			08/03/24 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 14:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 14:22	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Client Sample ID: CS-13

Date Collected: 08/01/24 09:27

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-7

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)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/02/24 16:30	08/05/24 14:22	1
o-Terphenyl	110		70 - 130				08/02/24 16:30	08/05/24 14:22	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.04		mg/Kg			08/05/24 12:07	1

## Client Sample ID: CS-25

Date Collected: 08/01/24 09:30

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-8

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		08/03/24 08:19	08/03/24 21:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:19	08/03/24 21:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:19	08/03/24 21:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/03/24 08:19	08/03/24 21:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:19	08/03/24 21:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/03/24 08:19	08/03/24 21:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/03/24 08:19	08/03/24 21:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/03/24 08:19	08/03/24 21:35	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/03/24 21:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 14:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 14:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/02/24 16:30	08/05/24 14:43	1
o-Terphenyl	103		70 - 130				08/02/24 16:30	08/05/24 14:43	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.6		4.98		mg/Kg			08/05/24 12:16	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-29

Lab Sample ID: 890-6969-9

Date Collected: 08/01/24 09:33

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 21:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 21:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 21:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/03/24 21:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 21:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/03/24 21:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/03/24 08:19	08/03/24 21:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/03/24 08:19	08/03/24 21:56	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			08/03/24 21:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 15:04	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		08/02/24 16:30	08/05/24 15:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 15:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	08/02/24 16:30	08/05/24 15:04	1
o-Terphenyl	123		70 - 130	08/02/24 16:30	08/05/24 15:04	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.6		5.02		mg/Kg			08/05/24 12:25	1

Client Sample ID: CS-31

Lab Sample ID: 890-6969-10

Date Collected: 08/01/24 09:36

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 22:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 22:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 22:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/03/24 22:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/03/24 22:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/03/24 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/03/24 08:19	08/03/24 22:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/03/24 08:19	08/03/24 22:16	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-31

Lab Sample ID: 890-6969-10

Date Collected: 08/01/24 09:36

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 15:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 15:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/02/24 16:30	08/05/24 15:25	1
o-Terphenyl	115		70 - 130				08/02/24 16:30	08/05/24 15:25	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		5.00		mg/Kg			08/05/24 12:34	1

Client Sample ID: CS-32

Lab Sample ID: 890-6969-11

Date Collected: 08/01/24 09:39

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/03/24 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 23:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/03/24 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 23:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/03/24 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/03/24 08:19	08/03/24 23:50	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/03/24 08:19	08/03/24 23:50	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/03/24 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 16:06	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	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 16:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 16:06	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Client Sample ID: CS-32

Date Collected: 08/01/24 09:39

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-11

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)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				08/02/24 16:30	08/05/24 16:06	1
o-Terphenyl	89		70 - 130				08/02/24 16:30	08/05/24 16:06	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		5.00		mg/Kg			08/05/24 12:42	1

## Client Sample ID: CS-34

Date Collected: 08/01/24 09:42

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-12

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		08/03/24 08:19	08/04/24 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 00:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/04/24 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 00:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/04/24 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/03/24 08:19	08/04/24 00:10	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/03/24 08:19	08/04/24 00:10	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/04/24 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 16:27	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 16:27	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/02/24 16:30	08/05/24 16:27	1
o-Terphenyl	120		70 - 130				08/02/24 16:30	08/05/24 16:27	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.02		mg/Kg			08/05/24 13:09	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-35

Lab Sample ID: 890-6969-13

Date Collected: 08/01/24 09:45

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/04/24 00:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/04/24 00:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/04/24 00:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/04/24 00:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/04/24 00:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/04/24 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/03/24 08:19	08/04/24 00:31	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/03/24 08:19	08/04/24 00:31	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/04/24 00:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 16:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 16:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:30	08/05/24 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	08/02/24 16:30	08/05/24 16:48	1
o-Terphenyl	90		70 - 130	08/02/24 16:30	08/05/24 16:48	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		4.97		mg/Kg			08/05/24 13:18	1

Client Sample ID: CS-37

Lab Sample ID: 890-6969-14

Date Collected: 08/01/24 09:51

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/04/24 00:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 00:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 00:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/04/24 00:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 00:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/04/24 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/03/24 08:19	08/04/24 00:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/03/24 08:19	08/04/24 00:51	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-37

Lab Sample ID: 890-6969-14

Date Collected: 08/01/24 09:51

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/04/24 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 17:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 17:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/02/24 16:30	08/05/24 17:09	1
o-Terphenyl	104		70 - 130				08/02/24 16:30	08/05/24 17:09	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.8		5.02		mg/Kg			08/05/24 13:44	1

Client Sample ID: CS-38

Lab Sample ID: 890-6969-15

Date Collected: 08/01/24 09:54

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/04/24 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 01:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/04/24 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 01:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/04/24 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/03/24 08:19	08/04/24 01:11	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/03/24 08:19	08/04/24 01:11	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/04/24 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 17:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 17:30	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Client Sample ID: CS-38

Date Collected: 08/01/24 09:54

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-15

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)	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/02/24 16:30	08/05/24 17:30	1
o-Terphenyl	118		70 - 130				08/02/24 16:30	08/05/24 17:30	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.0		4.99		mg/Kg			08/05/24 13:53	1

## Client Sample ID: CS-41

Date Collected: 08/01/24 09:57

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-16

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		08/03/24 08:19	08/04/24 01:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/04/24 01:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/04/24 01:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/04/24 01:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/04/24 01:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:19	08/04/24 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/03/24 08:19	08/04/24 01:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/03/24 08:19	08/04/24 01:32	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/04/24 01:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 17:51	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		08/02/24 16:30	08/05/24 17:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 17:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 16:30	08/05/24 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				08/02/24 16:30	08/05/24 17:51	1
o-Terphenyl	87		70 - 130				08/02/24 16:30	08/05/24 17:51	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.8		4.98		mg/Kg			08/05/24 14:02	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-43

Lab Sample ID: 890-6969-17

Date Collected: 08/01/24 10:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/04/24 01:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/04/24 01:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/04/24 01:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/03/24 08:19	08/04/24 01:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:19	08/04/24 01:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/03/24 08:19	08/04/24 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/03/24 08:19	08/04/24 01:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/03/24 08:19	08/04/24 01:52	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			08/04/24 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 18:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 18:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/02/24 16:30	08/05/24 18:11	1
o-Terphenyl	110		70 - 130	08/02/24 16:30	08/05/24 18:11	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.02		mg/Kg			08/05/24 14:11	1

Client Sample ID: CS-44

Lab Sample ID: 890-6969-18

Date Collected: 08/01/24 10:02

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/04/24 02:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 02:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 02:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/04/24 02:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 02:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:19	08/04/24 02:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	08/03/24 08:19	08/04/24 02:13	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/03/24 08:19	08/04/24 02:13	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-44

Lab Sample ID: 890-6969-18

Date Collected: 08/01/24 10:02

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/04/24 02:13	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			08/05/24 18:32	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		08/02/24 16:30	08/05/24 18:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 18:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/02/24 16:30	08/05/24 18:32	1
o-Terphenyl	88		70 - 130				08/02/24 16:30	08/05/24 18:32	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		4.98		mg/Kg			08/05/24 14:20	1

Client Sample ID: CS-56

Lab Sample ID: 890-6969-19

Date Collected: 08/01/24 10:03

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:19	08/04/24 02:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 02:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 02:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/04/24 02:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/04/24 02:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/04/24 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/03/24 08:19	08/04/24 02:33	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/03/24 08:19	08/04/24 02:33	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			08/04/24 02:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 18:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 18:53	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Client Sample ID: CS-56

Date Collected: 08/01/24 10:03

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-19

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)	<49.8	U	49.8		mg/Kg		08/02/24 16:30	08/05/24 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/02/24 16:30	08/05/24 18:53	1
o-Terphenyl	105		70 - 130				08/02/24 16:30	08/05/24 18:53	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		5.02		mg/Kg			08/05/24 14:29	1

## Client Sample ID: CS-57

Date Collected: 08/01/24 10:06

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-20

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		08/03/24 08:19	08/04/24 02:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/04/24 02:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/04/24 02:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/04/24 02:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:19	08/04/24 02:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:19	08/04/24 02:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/03/24 08:19	08/04/24 02:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/03/24 08:19	08/04/24 02:54	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			08/04/24 02:54	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			08/05/24 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 19:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 19:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/02/24 16:30	08/05/24 19:14	1
o-Terphenyl	101		70 - 130				08/02/24 16:30	08/05/24 19:14	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		5.04		mg/Kg			08/05/24 14:37	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-58

Lab Sample ID: 890-6969-21

Date Collected: 08/01/24 10:09

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 19:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/03/24 19:44	1
Ethylbenzene	0.00373	F1	0.00202		mg/Kg		08/03/24 08:24	08/03/24 19:44	1
m-Xylene & p-Xylene	0.00699		0.00404		mg/Kg		08/03/24 08:24	08/03/24 19:44	1
o-Xylene	0.00375		0.00202		mg/Kg		08/03/24 08:24	08/03/24 19:44	1
Xylenes, Total	0.0107		0.00404		mg/Kg		08/03/24 08:24	08/03/24 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	299	S1+	70 - 130	08/03/24 08:24	08/03/24 19:44	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/03/24 08:24	08/03/24 19:44	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0145		0.00404		mg/Kg			08/03/24 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 11:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	50.0		mg/Kg		08/02/24 16:27	08/05/24 11:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 11:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	08/02/24 16:27	08/05/24 11:36	1
o-Terphenyl	128		70 - 130	08/02/24 16:27	08/05/24 11:36	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.96		mg/Kg			08/05/24 10:25	1

Client Sample ID: CS-59

Lab Sample ID: 890-6969-22

Date Collected: 08/01/24 10:12

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 20:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 20:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/03/24 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 20:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/03/24 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	08/03/24 08:24	08/03/24 20:05	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	08/03/24 08:24	08/03/24 20:05	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-59

Lab Sample ID: 890-6969-22

Date Collected: 08/01/24 10:12

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 12:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 12:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/02/24 16:27	08/05/24 12:38	1
o-Terphenyl	115		70 - 130				08/02/24 16:27	08/05/24 12:38	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.2		4.98		mg/Kg			08/05/24 10:40	1

Client Sample ID: CS-80

Lab Sample ID: 890-6969-23

Date Collected: 08/01/24 10:15

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 20:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 20:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 20:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/03/24 20:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 20:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/03/24 20:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130				08/03/24 08:24	08/03/24 20:25	1
1,4-Difluorobenzene (Surr)	126		70 - 130				08/03/24 08:24	08/03/24 20:25	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/03/24 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 12:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 12:59	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-80

Lab Sample ID: 890-6969-23

Date Collected: 08/01/24 10:15

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:27	08/05/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/02/24 16:27	08/05/24 12:59	1
o-Terphenyl	115		70 - 130				08/02/24 16:27	08/05/24 12:59	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		4.96		mg/Kg			08/05/24 10:46	1

Client Sample ID: CS-81

Lab Sample ID: 890-6969-24

Date Collected: 08/01/24 10:18

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 20:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/03/24 20:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/03/24 20:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/03/24 20:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/03/24 20:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/03/24 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				08/03/24 08:24	08/03/24 20:45	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/03/24 08:24	08/03/24 20:45	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/03/24 20:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 13:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 13:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/02/24 16:27	08/05/24 13:20	1
o-Terphenyl	133	S1+	70 - 130				08/02/24 16:27	08/05/24 13:20	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		5.00		mg/Kg			08/05/24 10:51	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-83

Lab Sample ID: 890-6969-25

Date Collected: 08/01/24 10:21

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 21:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/03/24 21:06	1
Ethylbenzene	0.00250		0.00202		mg/Kg		08/03/24 08:24	08/03/24 21:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:24	08/03/24 21:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/03/24 21:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:24	08/03/24 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	240	S1+	70 - 130	08/03/24 08:24	08/03/24 21:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/03/24 08:24	08/03/24 21:06	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/03/24 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 13:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 13:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	08/02/24 16:27	08/05/24 13:41	1
o-Terphenyl	120		70 - 130	08/02/24 16:27	08/05/24 13:41	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.97		mg/Kg			08/05/24 10:56	1

Client Sample ID: CS-84

Lab Sample ID: 890-6969-26

Date Collected: 08/01/24 10:24

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 21:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/03/24 21:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/03/24 21:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/03/24 21:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/03/24 21:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/03/24 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/03/24 08:24	08/03/24 21:26	1
1,4-Difluorobenzene (Surr)	114		70 - 130	08/03/24 08:24	08/03/24 21:26	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-84

Lab Sample ID: 890-6969-26

Date Collected: 08/01/24 10:24

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 14:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 14:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 14:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				08/02/24 16:27	08/05/24 14:01	1
o-Terphenyl	124		70 - 130				08/02/24 16:27	08/05/24 14:01	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		4.98		mg/Kg			08/05/24 11:12	1

Client Sample ID: CS-88

Lab Sample ID: 890-6969-27

Date Collected: 08/01/24 10:27

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 21:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 21:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 21:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/03/24 21:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 21:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/03/24 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/03/24 08:24	08/03/24 21:47	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/03/24 08:24	08/03/24 21:47	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			08/03/24 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 14:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 14:22	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-88

Lab Sample ID: 890-6969-27

Date Collected: 08/01/24 10:27

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:27	08/05/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/02/24 16:27	08/05/24 14:22	1
o-Terphenyl	125		70 - 130				08/02/24 16:27	08/05/24 14:22	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.02		mg/Kg			08/05/24 11:17	1

Client Sample ID: CS-89

Lab Sample ID: 890-6969-28

Date Collected: 08/01/24 10:30

Matrix: Solid

Date Received: 08/02/24 09:53

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00342		0.00199		mg/Kg		08/03/24 08:24	08/03/24 22:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:24	08/03/24 22:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:24	08/03/24 22:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/03/24 08:24	08/03/24 22:07	1
o-Xylene	0.00968		0.00199		mg/Kg		08/03/24 08:24	08/03/24 22:07	1
Xylenes, Total	0.00968		0.00398		mg/Kg		08/03/24 08:24	08/03/24 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	287	S1+	70 - 130				08/03/24 08:24	08/03/24 22:07	1
1,4-Difluorobenzene (Surr)	70		70 - 130				08/03/24 08:24	08/03/24 22:07	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0131		0.00398		mg/Kg			08/03/24 22:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 14:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 14:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/02/24 16:27	08/05/24 14:43	1
o-Terphenyl	115		70 - 130				08/02/24 16:27	08/05/24 14:43	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		5.01		mg/Kg			08/05/24 11:22	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-102

Lab Sample ID: 890-6969-29

Date Collected: 08/01/24 10:33

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 22:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 22:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 22:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/03/24 22:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 22:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/03/24 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	310	S1+	70 - 130	08/03/24 08:24	08/03/24 22:28	1
1,4-Difluorobenzene (Surr)	85		70 - 130	08/03/24 08:24	08/03/24 22:28	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/03/24 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 15:04	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		08/02/24 16:27	08/05/24 15:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 15:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	08/02/24 16:27	08/05/24 15:04	1
o-Terphenyl	128		70 - 130	08/02/24 16:27	08/05/24 15:04	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.05		mg/Kg			08/05/24 11:27	1

Client Sample ID: CS-103

Lab Sample ID: 890-6969-30

Date Collected: 08/01/24 10:36

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/03/24 22:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/03/24 22:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/03/24 22:48	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:24	08/03/24 22:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/03/24 22:48	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:24	08/03/24 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/03/24 08:24	08/03/24 22:48	1
1,4-Difluorobenzene (Surr)	127		70 - 130	08/03/24 08:24	08/03/24 22:48	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-103

Lab Sample ID: 890-6969-30

Date Collected: 08/01/24 10:36

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 16:27	08/05/24 15:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:27	08/05/24 15:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 16:27	08/05/24 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				08/02/24 16:27	08/05/24 15:25	1
o-Terphenyl	3	S1-	70 - 130				08/02/24 16:27	08/05/24 15:25	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		5.05		mg/Kg			08/05/24 11:33	1

Client Sample ID: CS-104

Lab Sample ID: 890-6969-31

Date Collected: 08/01/24 10:38

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 00:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 00:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 00:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/04/24 00:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 00:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/04/24 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				08/03/24 08:24	08/04/24 00:38	1
1,4-Difluorobenzene (Surr)	122		70 - 130				08/03/24 08:24	08/04/24 00:38	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			08/04/24 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 16:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 16:06	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-104

Lab Sample ID: 890-6969-31

Date Collected: 08/01/24 10:38

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:27	08/05/24 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/02/24 16:27	08/05/24 16:06	1
o-Terphenyl	110		70 - 130				08/02/24 16:27	08/05/24 16:06	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	206		5.04		mg/Kg			08/05/24 11:38	1

Client Sample ID: CS-113

Lab Sample ID: 890-6969-32

Date Collected: 08/01/24 10:42

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 00:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 00:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 00:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/04/24 00:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 00:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/04/24 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/03/24 08:24	08/04/24 00:59	1
1,4-Difluorobenzene (Surr)	125		70 - 130				08/03/24 08:24	08/04/24 00:59	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/04/24 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 16:27	08/05/24 16:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:27	08/05/24 16:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 16:27	08/05/24 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/02/24 16:27	08/05/24 16:27	1
o-Terphenyl	129		70 - 130				08/02/24 16:27	08/05/24 16:27	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		5.04		mg/Kg			08/05/24 11:54	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-114

Lab Sample ID: 890-6969-33

Date Collected: 08/01/24 10:48

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 01:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/04/24 01:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/04/24 01:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/04/24 01:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/04/24 01:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/04/24 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	08/03/24 08:24	08/04/24 01:19	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	08/03/24 08:24	08/04/24 01:19	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			08/04/24 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 16:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 16:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/02/24 16:27	08/05/24 16:48	1
o-Terphenyl	115		70 - 130	08/02/24 16:27	08/05/24 16:48	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.03		mg/Kg			08/05/24 11:59	1

Client Sample ID: CS-115

Lab Sample ID: 890-6969-34

Date Collected: 08/01/24 10:51

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 01:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 01:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 01:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/04/24 01:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 01:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/04/24 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	08/03/24 08:24	08/04/24 01:40	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/03/24 08:24	08/04/24 01:40	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-115

Lab Sample ID: 890-6969-34

Date Collected: 08/01/24 10:51

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/04/24 01:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 17:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 17:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				08/02/24 16:27	08/05/24 17:09	1
o-Terphenyl	121		70 - 130				08/02/24 16:27	08/05/24 17:09	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.4		4.99		mg/Kg			08/05/24 12:15	1

Client Sample ID: CS-116

Lab Sample ID: 890-6969-35

Date Collected: 08/01/24 10:57

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 02:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 02:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 02:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/04/24 02:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 02:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/04/24 02:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130				08/03/24 08:24	08/04/24 02:00	1
1,4-Difluorobenzene (Surr)	112		70 - 130				08/03/24 08:24	08/04/24 02:00	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			08/04/24 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 17:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 17:30	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-116

Lab Sample ID: 890-6969-35

Date Collected: 08/01/24 10:57

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:27	08/05/24 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/02/24 16:27	08/05/24 17:30	1
o-Terphenyl	115		70 - 130				08/02/24 16:27	08/05/24 17:30	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.97		mg/Kg			08/05/24 12:20	1

Client Sample ID: CS-117

Lab Sample ID: 890-6969-36

Date Collected: 08/01/24 11:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 02:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/04/24 02:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/04/24 02:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:24	08/04/24 02:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/04/24 02:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:24	08/04/24 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/03/24 08:24	08/04/24 02:21	1
1,4-Difluorobenzene (Surr)	123		70 - 130				08/03/24 08:24	08/04/24 02:21	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/04/24 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 17:51	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	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 17:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 17:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:27	08/05/24 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/02/24 16:27	08/05/24 17:51	1
o-Terphenyl	120		70 - 130				08/02/24 16:27	08/05/24 17:51	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		4.98		mg/Kg			08/05/24 12:25	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-118

Lab Sample ID: 890-6969-37

Date Collected: 08/01/24 11:03

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 02:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/04/24 02:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/04/24 02:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/03/24 08:24	08/04/24 02:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:24	08/04/24 02:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/03/24 08:24	08/04/24 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/03/24 08:24	08/04/24 02:41	1
1,4-Difluorobenzene (Surr)	120		70 - 130	08/03/24 08:24	08/04/24 02:41	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			08/04/24 02:41	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			08/05/24 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 18:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 18:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	08/02/24 16:27	08/05/24 18:11	1
o-Terphenyl	140	S1+	70 - 130	08/02/24 16:27	08/05/24 18:11	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		5.02		mg/Kg			08/05/24 12:30	1

Client Sample ID: SW-9A

Lab Sample ID: 890-6969-38

Date Collected: 08/01/24 11:06

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 03:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 03:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 03:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/04/24 03:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 03:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:24	08/04/24 03:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	08/03/24 08:24	08/04/24 03:02	1
1,4-Difluorobenzene (Surr)	122		70 - 130	08/03/24 08:24	08/04/24 03:02	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-9A

Lab Sample ID: 890-6969-38

Date Collected: 08/01/24 11:06

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/04/24 03:02	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			08/05/24 18:32	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		08/02/24 16:27	08/05/24 18:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 18:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/02/24 16:27	08/05/24 18:32	1
o-Terphenyl	126		70 - 130				08/02/24 16:27	08/05/24 18:32	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.4		5.05		mg/Kg			08/05/24 12:35	1

Client Sample ID: SW-10A

Lab Sample ID: 890-6969-39

Date Collected: 08/01/24 11:09

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 03:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 03:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 03:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/04/24 03:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/04/24 03:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/04/24 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/03/24 08:24	08/04/24 03:22	1
1,4-Difluorobenzene (Surr)	123		70 - 130				08/03/24 08:24	08/04/24 03:22	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/04/24 03:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 18:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:27	08/05/24 18:53	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-10A

Lab Sample ID: 890-6969-39

Date Collected: 08/01/24 11:09

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:27	08/05/24 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/02/24 16:27	08/05/24 18:53	1
o-Terphenyl	119		70 - 130				08/02/24 16:27	08/05/24 18:53	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.9		5.04		mg/Kg			08/05/24 12:41	1

Client Sample ID: SW-13A

Lab Sample ID: 890-6969-40

Date Collected: 08/01/24 11:15

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:24	08/04/24 03:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/04/24 03:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/04/24 03:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/04/24 03:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:24	08/04/24 03:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:24	08/04/24 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/03/24 08:24	08/04/24 03:42	1
1,4-Difluorobenzene (Surr)	121		70 - 130				08/03/24 08:24	08/04/24 03:42	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/04/24 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	<50.0	U	50.0		mg/Kg			08/05/24 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 19:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 19:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				08/02/24 16:27	08/05/24 19:14	1
o-Terphenyl	145	S1+	70 - 130				08/02/24 16:27	08/05/24 19:14	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.6		5.01		mg/Kg			08/05/24 12:46	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-14A

Lab Sample ID: 890-6969-41

Date Collected: 08/01/24 11:18

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 19:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 19:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 19:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/03/24 19:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 19:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/03/24 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/03/24 08:30	08/03/24 19:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130	08/03/24 08:30	08/03/24 19:11	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/03/24 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/05/24 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/02/24 16:25	08/05/24 13:59	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/02/24 16:25	08/05/24 13:59	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/02/24 16:25	08/05/24 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	08/02/24 16:25	08/05/24 13:59	1
o-Terphenyl	98		70 - 130	08/02/24 16:25	08/05/24 13:59	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		5.02		mg/Kg			08/05/24 13:28	1

Client Sample ID: SW-20A

Lab Sample ID: 890-6969-42

Date Collected: 08/01/24 11:21

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 19:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/03/24 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 19:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/03/24 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	45	S1-	70 - 130	08/03/24 08:30	08/03/24 19:31	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	08/03/24 08:30	08/03/24 19:31	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-20A

Lab Sample ID: 890-6969-42

Date Collected: 08/01/24 11:21

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 14:52	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	<50.0	U	50.0		mg/Kg		08/02/24 16:25	08/05/24 14:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:25	08/05/24 14:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:25	08/05/24 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/02/24 16:25	08/05/24 14:52	1
o-Terphenyl	90		70 - 130				08/02/24 16:25	08/05/24 14:52	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		5.05		mg/Kg			08/05/24 13:44	1

Client Sample ID: SW-22A

Lab Sample ID: 890-6969-43

Date Collected: 08/01/24 11:21

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 19:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/03/24 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 19:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/03/24 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/03/24 08:30	08/03/24 19:52	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/03/24 08:30	08/03/24 19:52	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/03/24 19:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 16:25	08/05/24 15:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:25	08/05/24 15:11	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-22A

Lab Sample ID: 890-6969-43

Date Collected: 08/01/24 11:21

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:25	08/05/24 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/02/24 16:25	08/05/24 15:11	1
o-Terphenyl	96		70 - 130				08/02/24 16:25	08/05/24 15:11	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.05		mg/Kg			08/05/24 13:49	1

Client Sample ID: SW-42

Lab Sample ID: 890-6969-44

Date Collected: 08/01/24 11:24

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 20:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/03/24 20:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/03/24 20:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:30	08/03/24 20:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/03/24 20:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:30	08/03/24 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/03/24 08:30	08/03/24 20:12	1
1,4-Difluorobenzene (Surr)	83		70 - 130				08/03/24 08:30	08/03/24 20:12	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			08/03/24 20:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 15:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 15:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/02/24 16:25	08/05/24 15:29	1
o-Terphenyl	94		70 - 130				08/02/24 16:25	08/05/24 15:29	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.1		4.97		mg/Kg			08/05/24 13:54	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-43

Lab Sample ID: 890-6969-45

Date Collected: 08/01/24 11:27

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 20:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 20:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 20:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/03/24 20:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 20:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/03/24 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/03/24 08:30	08/03/24 20:32	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/03/24 08:30	08/03/24 20:32	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/03/24 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 15:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 15:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 15:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	08/02/24 16:25	08/05/24 15:47	1
o-Terphenyl	97		70 - 130	08/02/24 16:25	08/05/24 15:47	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.1		4.96		mg/Kg			08/05/24 13:59	1

Client Sample ID: SW-44

Lab Sample ID: 890-6969-46

Date Collected: 08/01/24 11:30

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 20:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/03/24 20:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/03/24 20:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:30	08/03/24 20:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/03/24 20:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:30	08/03/24 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/03/24 08:30	08/03/24 20:53	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/03/24 08:30	08/03/24 20:53	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-44

Lab Sample ID: 890-6969-46

Date Collected: 08/01/24 11:30

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:25	08/05/24 16:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:25	08/05/24 16:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:25	08/05/24 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/02/24 16:25	08/05/24 16:05	1
o-Terphenyl	98		70 - 130				08/02/24 16:25	08/05/24 16:05	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.02		mg/Kg			08/05/24 14:15	1

Client Sample ID: SW-45

Lab Sample ID: 890-6969-47

Date Collected: 08/01/24 11:33

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 21:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 21:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 21:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/03/24 21:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 21:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/03/24 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/03/24 08:30	08/03/24 21:13	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/03/24 08:30	08/03/24 21:13	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			08/03/24 21:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:25	08/05/24 16:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:25	08/05/24 16:24	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-45

Lab Sample ID: 890-6969-47

Date Collected: 08/01/24 11:33

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:25	08/05/24 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/02/24 16:25	08/05/24 16:24	1
o-Terphenyl	82		70 - 130				08/02/24 16:25	08/05/24 16:24	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		5.01		mg/Kg			08/05/24 14:20	1

Client Sample ID: SW-46

Lab Sample ID: 890-6969-48

Date Collected: 08/01/24 11:36

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 21:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:30	08/03/24 21:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:30	08/03/24 21:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/03/24 08:30	08/03/24 21:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/03/24 08:30	08/03/24 21:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/03/24 08:30	08/03/24 21:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/03/24 08:30	08/03/24 21:34	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/03/24 08:30	08/03/24 21:34	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/03/24 21:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 16:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 16:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:25	08/05/24 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/02/24 16:25	08/05/24 16:42	1
o-Terphenyl	92		70 - 130				08/02/24 16:25	08/05/24 16:42	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.99		mg/Kg			08/05/24 14:26	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-47

Lab Sample ID: 890-6969-49

Date Collected: 08/01/24 11:09

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 21:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 21:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 21:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/03/24 21:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 21:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/03/24 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/03/24 08:30	08/03/24 21:54	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/03/24 08:30	08/03/24 21:54	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			08/03/24 21:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 16:25	08/05/24 17:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:25	08/05/24 17:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 16:25	08/05/24 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	08/02/24 16:25	08/05/24 17:00	1
o-Terphenyl	94		70 - 130	08/02/24 16:25	08/05/24 17:00	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		4.90		mg/Kg			08/05/24 14:31	1

Client Sample ID: SW-48

Lab Sample ID: 890-6969-50

Date Collected: 08/01/24 11:12

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 22:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 22:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 22:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/03/24 22:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/03/24 22:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/03/24 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/03/24 08:30	08/03/24 22:15	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/03/24 08:30	08/03/24 22:15	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-48

Lab Sample ID: 890-6969-50

Date Collected: 08/01/24 11:12

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/03/24 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 17:19	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		08/02/24 16:25	08/05/24 17:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:25	08/05/24 17:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 16:25	08/05/24 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/02/24 16:25	08/05/24 17:19	1
o-Terphenyl	96		70 - 130				08/02/24 16:25	08/05/24 17:19	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		4.96		mg/Kg			08/05/24 14:36	1

Client Sample ID: SW-49

Lab Sample ID: 890-6969-61

Date Collected: 08/01/24 11:48

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/03/24 23:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 23:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 23:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/03/24 23:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 23:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/03/24 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/03/24 08:30	08/03/24 23:49	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/03/24 08:30	08/03/24 23:49	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			08/03/24 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:10	08/05/24 13:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:10	08/05/24 13:59	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-49

Lab Sample ID: 890-6969-61

Date Collected: 08/01/24 11:48

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:10	08/05/24 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/02/24 16:10	08/05/24 13:59	1
o-Terphenyl	95		70 - 130				08/02/24 16:10	08/05/24 13:59	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.04		mg/Kg			08/05/24 14:41	1

Client Sample ID: SW-50

Lab Sample ID: 890-6969-62

Date Collected: 08/01/24 11:51

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/04/24 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 00:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/04/24 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 00:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/04/24 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/03/24 08:30	08/04/24 00:10	1
1,4-Difluorobenzene (Surr)	87		70 - 130				08/03/24 08:30	08/04/24 00:10	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/04/24 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/05/24 14:52	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	<50.0	U	50.0		mg/Kg		08/02/24 16:10	08/05/24 14:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:10	08/05/24 14:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:10	08/05/24 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/02/24 16:10	08/05/24 14:52	1
o-Terphenyl	99		70 - 130				08/02/24 16:10	08/05/24 14:52	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		5.05		mg/Kg			08/05/24 14:57	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-51

Lab Sample ID: 890-6969-63

Date Collected: 08/01/24 11:57

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/04/24 00:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/04/24 00:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/04/24 00:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/03/24 08:30	08/04/24 00:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/03/24 08:30	08/04/24 00:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/03/24 08:30	08/04/24 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/03/24 08:30	08/04/24 00:30	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/03/24 08:30	08/04/24 00:30	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/04/24 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/05/24 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/02/24 16:10	08/05/24 15:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/02/24 16:10	08/05/24 15:11	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/02/24 16:10	08/05/24 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	08/02/24 16:10	08/05/24 15:11	1
o-Terphenyl	93		70 - 130	08/02/24 16:10	08/05/24 15:11	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		4.98		mg/Kg			08/05/24 15:02	1

Client Sample ID: SW-52

Lab Sample ID: 890-6969-64

Date Collected: 08/01/24 12:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/04/24 00:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 00:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 00:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/04/24 00:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 00:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/24 08:30	08/04/24 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/03/24 08:30	08/04/24 00:50	1
1,4-Difluorobenzene (Surr)	87		70 - 130	08/03/24 08:30	08/04/24 00:50	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-52

Lab Sample ID: 890-6969-64

Date Collected: 08/01/24 12:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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			08/04/24 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 15:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:10	08/05/24 15:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:10	08/05/24 15:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:10	08/05/24 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	08/02/24 16:10	08/05/24 15:29	1
o-Terphenyl	101		70 - 130	08/02/24 16:10	08/05/24 15:29	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		4.97		mg/Kg			08/05/24 15:18	1

Client Sample ID: SW-53

Lab Sample ID: 890-6969-65

Date Collected: 08/01/24 12:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/04/24 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 01:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/04/24 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/04/24 01:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/04/24 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/03/24 08:30	08/04/24 01:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/03/24 08:30	08/04/24 01:11	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/04/24 01:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/05/24 15:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/02/24 16:10	08/05/24 15:47	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/02/24 16:10	08/05/24 15:47	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-53

Lab Sample ID: 890-6969-65

Date Collected: 08/01/24 12:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/02/24 16:10	08/05/24 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/02/24 16:10	08/05/24 15:47	1
o-Terphenyl	95		70 - 130				08/02/24 16:10	08/05/24 15:47	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		4.96		mg/Kg			08/05/24 15:23	1

Client Sample ID: SW-54

Lab Sample ID: 890-6969-66

Date Collected: 08/01/24 12:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/04/24 01:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/04/24 01:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/04/24 01:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/04/24 01:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/04/24 01:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/24 08:30	08/04/24 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/03/24 08:30	08/04/24 01:31	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/03/24 08:30	08/04/24 01:31	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/04/24 01:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/05/24 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 16:10	08/05/24 16:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 16:10	08/05/24 16:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 16:10	08/05/24 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/02/24 16:10	08/05/24 16:05	1
o-Terphenyl	103		70 - 130				08/02/24 16:10	08/05/24 16:05	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		4.99		mg/Kg			08/05/24 15:29	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-55

Lab Sample ID: 890-6969-67

Date Collected: 08/01/24 12:00

Matrix: Solid

Date Received: 08/02/24 09:53

## 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		08/03/24 08:30	08/04/24 01:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/04/24 01:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/04/24 01:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/03/24 08:30	08/04/24 01:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/24 08:30	08/04/24 01:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/03/24 08:30	08/04/24 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/03/24 08:30	08/04/24 01:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/03/24 08:30	08/04/24 01:52	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			08/04/24 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/05/24 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 16:10	08/05/24 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 16:10	08/05/24 16:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 16:10	08/05/24 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/02/24 16:10	08/05/24 16:24	1
o-Terphenyl	100		70 - 130	08/02/24 16:10	08/05/24 16:24	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		5.01		mg/Kg			08/05/24 15:34	1

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## Surrogate Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-6969-1	CS-4	111	99
890-6969-1 MS	CS-4	105	98
890-6969-1 MSD	CS-4	107	97
890-6969-2	CS-6	111	95
890-6969-3	CS-9	120	98
890-6969-4	CS-10	119	97
890-6969-5	CS-11	113	99
890-6969-6	CS-12	120	96
890-6969-7	CS-13	112	100
890-6969-8	CS-25	113	98
890-6969-9	CS-29	110	99
890-6969-10	CS-31	117	104
890-6969-11	CS-32	118	97
890-6969-12	CS-34	113	94
890-6969-13	CS-35	111	89
890-6969-14	CS-37	110	99
890-6969-15	CS-38	107	99
890-6969-16	CS-41	114	99
890-6969-17	CS-43	113	100
890-6969-18	CS-44	123	93
890-6969-19	CS-56	118	100
890-6969-20	CS-57	115	98
890-6969-21	CS-58	299 S1+	84
890-6969-21 MS	CS-58	104	104
890-6969-21 MSD	CS-58	106	114
890-6969-22	CS-59	120	131 S1+
890-6969-23	CS-80	213 S1+	126
890-6969-24	CS-81	120	120
890-6969-25	CS-83	240 S1+	99
890-6969-26	CS-84	100	114
890-6969-27	CS-88	113	117
890-6969-28	CS-89	287 S1+	70
890-6969-29	CS-102	310 S1+	85
890-6969-30	CS-103	127	127
890-6969-31	CS-104	122	122
890-6969-32	CS-113	100	125
890-6969-33	CS-114	130	131 S1+
890-6969-34	CS-115	150 S1+	105
890-6969-35	CS-116	159 S1+	112
890-6969-36	CS-117	108	123
890-6969-37	CS-118	97	120
890-6969-38	SW-9A	132 S1+	122
890-6969-39	SW-10A	114	123
890-6969-40	SW-13A	112	121
890-6969-41	SW-14A	109	86
890-6969-41 MS	SW-14A	105	88
890-6969-41 MSD	SW-14A	101	91
890-6969-42	SW-20A	45 S1-	66 S1-
890-6969-43	SW-22A	109	93

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## Surrogate Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-6969-44	SW-42	103	83
890-6969-45	SW-43	97	88
890-6969-46	SW-44	109	95
890-6969-47	SW-45	101	87
890-6969-48	SW-46	105	85
890-6969-49	SW-47	106	90
890-6969-50	SW-48	113	93
890-6969-61	SW-49	109	85
890-6969-62	SW-50	107	87
890-6969-63	SW-51	114	91
890-6969-64	SW-52	111	87
890-6969-65	SW-53	102	94
890-6969-66	SW-54	103	95
890-6969-67	SW-55	104	97
LCS 880-87461/1-A	Lab Control Sample	109	101
LCS 880-87462/1-A	Lab Control Sample	88	100
LCS 880-87463/1-A	Lab Control Sample	101	101
LCSD 880-87461/2-A	Lab Control Sample Dup	103	100
LCSD 880-87462/2-A	Lab Control Sample Dup	94	110
LCSD 880-87463/2-A	Lab Control Sample Dup	99	94
MB 880-87461/5-A	Method Blank	110	93
MB 880-87462/5-A	Method Blank	153 S1+	117
MB 880-87463/5-A	Method Blank	94	89

## Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-6969-1	CS-4	91	95
890-6969-1 MS	CS-4	99	95
890-6969-1 MSD	CS-4	88	84
890-6969-2	CS-6	81	88
890-6969-3	CS-9	100	103
890-6969-4	CS-10	105	112
890-6969-5	CS-11	101	109
890-6969-6	CS-12	105	111
890-6969-7	CS-13	103	110
890-6969-8	CS-25	97	103
890-6969-9	CS-29	118	123
890-6969-10	CS-31	108	115
890-6969-11	CS-32	84	89
890-6969-12	CS-34	112	120
890-6969-13	CS-35	83	90
890-6969-14	CS-37	100	104
890-6969-15	CS-38	112	118

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## Surrogate Summary

Client: NT Global

Job ID: 890-6969-1

Project/Site: Burton Flat Deep Unit 44 (SWD)

SDG: Eddy 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)
890-6969-16	CS-41	83	87
890-6969-17	CS-43	103	110
890-6969-18	CS-44	82	88
890-6969-19	CS-56	101	105
890-6969-20	CS-57	94	101
890-6969-21	CS-58	122	128
890-6969-21 MS	CS-58	110	116
890-6969-21 MSD	CS-58	120	120
890-6969-22	CS-59	105	115
890-6969-23	CS-80	108	115
890-6969-24	CS-81	120	133 S1+
890-6969-25	CS-83	115	120
890-6969-26	CS-84	116	124
890-6969-27	CS-88	111	125
890-6969-28	CS-89	109	115
890-6969-29	CS-102	125	128
890-6969-30	CS-103	2 S1-	3 S1-
890-6969-31	CS-104	99	110
890-6969-32	CS-113	121	129
890-6969-33	CS-114	102	115
890-6969-34	CS-115	111	121
890-6969-35	CS-116	107	115
890-6969-36	CS-117	107	120
890-6969-37	CS-118	126	140 S1+
890-6969-38	SW-9A	121	126
890-6969-39	SW-10A	108	119
890-6969-40	SW-13A	139 S1+	145 S1+
890-6969-41	SW-14A	110	98
890-6969-41 MS	SW-14A	88	85
890-6969-41 MSD	SW-14A	90	85
890-6969-42	SW-20A	102	90
890-6969-43	SW-22A	109	96
890-6969-44	SW-42	109	94
890-6969-45	SW-43	109	97
890-6969-46	SW-44	109	98
890-6969-47	SW-45	95	82
890-6969-48	SW-46	106	92
890-6969-49	SW-47	107	94
890-6969-50	SW-48	108	96
890-6969-61	SW-49	97	95
890-6969-61 MS	SW-49	98	105
890-6969-61 MSD	SW-49	125	106
890-6969-62	SW-50	102	99
890-6969-63	SW-51	96	93
890-6969-64	SW-52	106	101
890-6969-65	SW-53	101	95
890-6969-66	SW-54	108	103
890-6969-67	SW-55	104	100
LCS 880-87417/2-A	Lab Control Sample	108	121
LCS 880-87420/2-A	Lab Control Sample	90	84

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Surrogate Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)  
**Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**  
Matrix: Solid

Job ID: 890-6969-1  
SDG: Eddy County  
**Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS 880-87421/2-A	Lab Control Sample	131 S1+	151 S1+
LCS 880-87422/2-A	Lab Control Sample	117	120
LCS 880-87422/2-A	Lab Control Sample	119	123
LCSD 880-87417/3-A	Lab Control Sample Dup	108	119
LCSD 880-87420/3-A	Lab Control Sample Dup	90	84
LCSD 880-87421/3-A	Lab Control Sample Dup	131 S1+	142 S1+
MB 880-87417/1-A	Method Blank	140 S1+	141 S1+
MB 880-87420/1-A	Method Blank	123	111
MB 880-87421/1-A	Method Blank	136 S1+	162 S1+
MB 880-87422/1-A	Method Blank	133 S1+	148 S1+
<b>Surrogate Legend</b>			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: MB 880-87461/5-A

Matrix: Solid

Analysis Batch: 87442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 18:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 18:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 18:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/03/24 18:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:19	08/03/24 18:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:19	08/03/24 18:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/03/24 08:19	08/03/24 18:50	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/03/24 08:19	08/03/24 18:50	1

Lab Sample ID: LCS 880-87461/1-A

Matrix: Solid

Analysis Batch: 87442

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1186		mg/Kg		119	70 - 130
Toluene	0.100	0.1083		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1113		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2343		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1146		mg/Kg		115	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-87461/2-A

Matrix: Solid

Analysis Batch: 87442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87461

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1233		mg/Kg		123	70 - 130	4	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	3	35
Ethylbenzene	0.100	0.1153		mg/Kg		115	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2429		mg/Kg		121	70 - 130	4	35
o-Xylene	0.100	0.1193		mg/Kg		119	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-6969-1 MS

Matrix: Solid

Analysis Batch: 87442

Client Sample ID: CS-4

Prep Type: Total/NA

Prep Batch: 87461

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1052		mg/Kg		105	70 - 130
Toluene	<0.00202	U	0.100	0.09636		mg/Kg		96	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: 890-6969-1 MS

Matrix: Solid

Analysis Batch: 87442

Client Sample ID: CS-4

Prep Type: Total/NA

Prep Batch: 87461

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.09881		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2087		mg/Kg		104	70 - 130
o-Xylene	<0.00202	U	0.100	0.1029		mg/Kg		103	70 - 130

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

Lab Sample ID: 890-6969-1 MSD

Matrix: Solid

Analysis Batch: 87442

Client Sample ID: CS-4

Prep Type: Total/NA

Prep Batch: 87461

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00202	U	0.100	0.1017		mg/Kg		102	70 - 130	3	35
Toluene	<0.00202	U	0.100	0.09358		mg/Kg		94	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.09651		mg/Kg		97	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2046		mg/Kg		102	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.1014		mg/Kg		101	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-87462/5-A

Matrix: Solid

Analysis Batch: 87443

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 19:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/03/24 19:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:24	08/03/24 19:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:24	08/03/24 19:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	08/03/24 08:24	08/03/24 19:16	1
1,4-Difluorobenzene (Surr)	117		70 - 130	08/03/24 08:24	08/03/24 19:16	1

Lab Sample ID: LCS 880-87462/1-A

Matrix: Solid

Analysis Batch: 87443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1177		mg/Kg		118	70 - 130
Toluene	0.100	0.1146		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.08825		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.2198		mg/Kg		110	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: LCS 880-87462/1-A

Matrix: Solid

Analysis Batch: 87443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1249		mg/Kg		125	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-87462/2-A

Matrix: Solid

Analysis Batch: 87443

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87462

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1128		mg/Kg		113	70 - 130	4	35
Toluene	0.100	0.1030		mg/Kg		103	70 - 130	11	35
Ethylbenzene	0.100	0.09735		mg/Kg		97	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2092		mg/Kg		105	70 - 130	5	35
o-Xylene	0.100	0.1168		mg/Kg		117	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-6969-21 MS

Matrix: Solid

Analysis Batch: 87443

Client Sample ID: CS-58

Prep Type: Total/NA

Prep Batch: 87462

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.08601		mg/Kg		86	70 - 130
Toluene	<0.00202	U	0.100	0.08090		mg/Kg		81	70 - 130
Ethylbenzene	0.00373	F1	0.100	0.07706		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.00699		0.200	0.1867		mg/Kg		90	70 - 130
o-Xylene	0.00375		0.100	0.1067		mg/Kg		103	70 - 130

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

Lab Sample ID: 890-6969-21 MSD

Matrix: Solid

Analysis Batch: 87443

Client Sample ID: CS-58

Prep Type: Total/NA

Prep Batch: 87462

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08610		mg/Kg		86	70 - 130	0	35
Toluene	<0.00202	U	0.100	0.07507		mg/Kg		75	70 - 130	7	35
Ethylbenzene	0.00373	F1	0.100	0.06929	F1	mg/Kg		66	70 - 130	11	35
m-Xylene & p-Xylene	0.00699		0.200	0.1895		mg/Kg		91	70 - 130	1	35
o-Xylene	0.00375		0.100	0.1116		mg/Kg		108	70 - 130	4	35

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: 890-6969-21 MSD

Matrix: Solid

Analysis Batch: 87443

Client Sample ID: CS-58

Prep Type: Total/NA

Prep Batch: 87462

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: MB 880-87463/5-A

Matrix: Solid

Analysis Batch: 87440

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87463

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 18:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 18:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 18:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/03/24 18:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/24 08:30	08/03/24 18:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/24 08:30	08/03/24 18:49	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				08/03/24 08:30	08/03/24 18:49	1
1,4-Difluorobenzene (Surr)	89		70 - 130				08/03/24 08:30	08/03/24 18:49	1

Lab Sample ID: LCS 880-87463/1-A

Matrix: Solid

Analysis Batch: 87440

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87463

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	
Benzene	0.100	0.1052		mg/Kg		105		70 - 130	
Toluene	0.100	0.08877		mg/Kg		89		70 - 130	
Ethylbenzene	0.100	0.09030		mg/Kg		90		70 - 130	
m-Xylene & p-Xylene	0.200	0.1829		mg/Kg		91		70 - 130	
o-Xylene	0.100	0.08963		mg/Kg		90		70 - 130	

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

Lab Sample ID: LCSD 880-87463/2-A

Matrix: Solid

Analysis Batch: 87440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87463

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1026		mg/Kg		103		70 - 130	3	35
Toluene	0.100	0.08735		mg/Kg		87		70 - 130	2	35
Ethylbenzene	0.100	0.08298		mg/Kg		83		70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1800		mg/Kg		90		70 - 130	2	35
o-Xylene	0.100	0.08882		mg/Kg		89		70 - 130	1	35

	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	99		70 - 130							

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: LCSD 880-87463/2-A

Matrix: Solid

Analysis Batch: 87440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87463

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

Lab Sample ID: 890-6969-41 MS

Matrix: Solid

Analysis Batch: 87440

Client Sample ID: SW-14A

Prep Type: Total/NA

Prep Batch: 87463

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.07685		mg/Kg		77	70 - 130
Toluene	<0.00202	U	0.100	0.08405		mg/Kg		84	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.08404		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1835		mg/Kg		92	70 - 130
o-Xylene	<0.00202	U	0.100	0.09035		mg/Kg		90	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 890-6969-41 MSD

Matrix: Solid

Analysis Batch: 87440

Client Sample ID: SW-14A

Prep Type: Total/NA

Prep Batch: 87463

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00202	U	0.100	0.08408		mg/Kg		84	70 - 130	9	35
Toluene	<0.00202	U	0.100	0.08025		mg/Kg		80	70 - 130	5	35
Ethylbenzene	<0.00202	U	0.100	0.07775		mg/Kg		78	70 - 130	8	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1701		mg/Kg		85	70 - 130	8	35
o-Xylene	<0.00202	U	0.100	0.08379		mg/Kg		84	70 - 130	8	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-87417/1-A

Matrix: Solid

Analysis Batch: 87519

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87417

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		08/02/24 16:10	08/05/24 10:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:10	08/05/24 10:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:10	08/05/24 10:13	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	140	S1+	70 - 130	08/02/24 16:10	08/05/24 10:13	1			
o-Terphenyl	141	S1+	70 - 130	08/02/24 16:10	08/05/24 10:13	1			

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: LCS 880-87417/2-A

Matrix: Solid

Analysis Batch: 87519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87417

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	1029		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1146		mg/Kg		115	70 - 130		
Surrogate	LCS	LCS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	108		70 - 130								
o-Terphenyl	121		70 - 130								

Lab Sample ID: LCSD 880-87417/3-A

Matrix: Solid

Analysis Batch: 87519

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87417

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1045		mg/Kg		105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1137		mg/Kg		114	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	119		70 - 130								

Lab Sample ID: 890-6969-61 MS

Matrix: Solid

Analysis Batch: 87519

Client Sample ID: SW-49

Prep Type: Total/NA

Prep Batch: 87417

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	918.4		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1090		mg/Kg		108	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	105		70 - 130								

Lab Sample ID: 890-6969-61 MSD

Matrix: Solid

Analysis Batch: 87519

Client Sample ID: SW-49

Prep Type: Total/NA

Prep Batch: 87417

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	927.0		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1035		mg/Kg		102	70 - 130	5	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	125		70 - 130								

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: 890-6969-61 MSD

Matrix: Solid

Analysis Batch: 87519

Client Sample ID: SW-49

Prep Type: Total/NA

Prep Batch: 87417

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	106		70 - 130

Lab Sample ID: MB 880-87420/1-A

Matrix: Solid

Analysis Batch: 87517

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87420

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 16:25	08/05/24 10:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:25	08/05/24 10:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:25	08/05/24 10:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/02/24 16:25	08/05/24 10:13	1
<i>o</i> -Terphenyl	111		70 - 130				08/02/24 16:25	08/05/24 10:13	1

Lab Sample ID: LCS 880-87420/2-A

Matrix: Solid

Analysis Batch: 87517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	960.2		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	818.8		mg/Kg		82	70 - 130
Surrogate		LCS %Recovery	LCS Qualifier	Limits			
1-Chlorooctane		90		70 - 130			
<i>o</i> -Terphenyl		84		70 - 130			

Lab Sample ID: LCSD 880-87420/3-A

Matrix: Solid

Analysis Batch: 87517

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87420

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	980.1		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	823.9		mg/Kg		82	70 - 130	1	20
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits					
1-Chlorooctane		90		70 - 130					
<i>o</i> -Terphenyl		84		70 - 130					

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: 890-6969-41 MS

Matrix: Solid

Analysis Batch: 87517

Client Sample ID: SW-14A

Prep Type: Total/NA

Prep Batch: 87420

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	1000	786.3		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	782.5		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	85		70 - 130						

Lab Sample ID: 890-6969-41 MSD

Matrix: Solid

Analysis Batch: 87517

Client Sample ID: SW-14A

Prep Type: Total/NA

Prep Batch: 87420

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	1000	802.1		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.6	U	1000	760.8		mg/Kg		76	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: MB 880-87421/1-A

Matrix: Solid

Analysis Batch: 87450

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87421

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		08/02/24 16:27	08/05/24 08:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 08:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:27	08/05/24 08:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				08/02/24 16:27	08/05/24 08:42	1
o-Terphenyl	162	S1+	70 - 130				08/02/24 16:27	08/05/24 08:42	1

Lab Sample ID: LCS 880-87421/2-A

Matrix: Solid

Analysis Batch: 87450

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87421

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1194		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: LCS 880-87421/2-A

Matrix: Solid

Analysis Batch: 87450

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87421

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	151	S1+	70 - 130

Lab Sample ID: LCSD 880-87421/3-A

Matrix: Solid

Analysis Batch: 87450

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87421

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1156		mg/Kg		116	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1038		mg/Kg		104	70 - 130	6	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	142	S1+	70 - 130

Lab Sample ID: 890-6969-21 MS

Matrix: Solid

Analysis Batch: 87450

Client Sample ID: CS-58

Prep Type: Total/NA

Prep Batch: 87421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	992	1113		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	992	770.7		mg/Kg		78	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: 890-6969-21 MSD

Matrix: Solid

Analysis Batch: 87450

Client Sample ID: CS-58

Prep Type: Total/NA

Prep Batch: 87421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	992	756.7	F2	mg/Kg		75	70 - 130	38	20
Diesel Range Organics (Over C10-C28)	<50.0	U	992	810.8		mg/Kg		82	70 - 130	5	20

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

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: MB 880-87422/1-A

Matrix: Solid

Analysis Batch: 87448

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87422

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		08/02/24 16:30	08/05/24 08:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 08:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 16:30	08/05/24 08:42	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				08/02/24 16:30	08/05/24 08:42	1
o-Terphenyl	148	S1+	70 - 130				08/02/24 16:30	08/05/24 08:42	1

Lab Sample ID: LCS 880-87422/2-A

Matrix: Solid

Analysis Batch: 87448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87422

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1022		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1014		mg/Kg		101	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	117		70 - 130				
o-Terphenyl	120		70 - 130				

Lab Sample ID: LCS 880-87422/2-A

Matrix: Solid

Analysis Batch: 87448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87422

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1082		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1054		mg/Kg		105	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	119		70 - 130				
o-Terphenyl	123		70 - 130				

Lab Sample ID: 890-6969-1 MS

Matrix: Solid

Analysis Batch: 87448

Client Sample ID: CS-4

Prep Type: Total/NA

Prep Batch: 87422

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1312	F1	mg/Kg		131	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	712.7		mg/Kg		71	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

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

Lab Sample ID: 890-6969-1 MS

Matrix: Solid

Analysis Batch: 87448

Client Sample ID: CS-4

Prep Type: Total/NA

Prep Batch: 87422

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 890-6969-1 MSD

Matrix: Solid

Analysis Batch: 87448

Client Sample ID: CS-4

Prep Type: Total/NA

Prep Batch: 87422

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1123		mg/Kg		113	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	627.5	F1	mg/Kg		63	70 - 130	13	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	84		70 - 130

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87465/1-A

Matrix: Solid

Analysis Batch: 87467

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			08/05/24 10:09	1

Lab Sample ID: LCS 880-87465/2-A

Matrix: Solid

Analysis Batch: 87467

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	235.7		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-87465/3-A

Matrix: Solid

Analysis Batch: 87467

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	237.2		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 890-6969-21 MS

Matrix: Solid

Analysis Batch: 87467

Client Sample ID: CS-58

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	112		248	358.7		mg/Kg		99	90 - 110

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-6969-21 MSD

Matrix: Solid

Analysis Batch: 87467

Client Sample ID: CS-58

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	112		248	359.4		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-6969-31 MS

Matrix: Solid

Analysis Batch: 87467

Client Sample ID: CS-104

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	206		252	465.0		mg/Kg		103	90 - 110		

Lab Sample ID: 890-6969-31 MSD

Matrix: Solid

Analysis Batch: 87467

Client Sample ID: CS-104

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	206		252	465.8		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-87464/1-A

Matrix: Solid

Analysis Batch: 87469

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			08/05/24 10:12	1

Lab Sample ID: LCS 880-87464/2-A

Matrix: Solid

Analysis Batch: 87469

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	262.1		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-87464/3-A

Matrix: Solid

Analysis Batch: 87469

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	266.1		mg/Kg		106	90 - 110	2	20

Lab Sample ID: 890-6969-1 MS

Matrix: Solid

Analysis Batch: 87469

Client Sample ID: CS-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	136		251	367.4		mg/Kg		92	90 - 110		

Lab Sample ID: 890-6969-1 MSD

Matrix: Solid

Analysis Batch: 87469

Client Sample ID: CS-4

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	136		251	395.5		mg/Kg		103	90 - 110	7	20

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-6969-11 MS

Matrix: Solid

Analysis Batch: 87469

Client Sample ID: CS-32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	114		250	366.7		mg/Kg		101	90 - 110

Lab Sample ID: 890-6969-11 MSD

Matrix: Solid

Analysis Batch: 87469

Client Sample ID: CS-32

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	114		250	368.1		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-87466/1-A

Matrix: Solid

Analysis Batch: 87473

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			08/05/24 13:12	1

Lab Sample ID: LCS 880-87466/2-A

Matrix: Solid

Analysis Batch: 87473

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.1		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-87466/3-A

Matrix: Solid

Analysis Batch: 87473

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	239.6		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 890-6969-41 MS

Matrix: Solid

Analysis Batch: 87473

Client Sample ID: SW-14A

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	111		251	366.7		mg/Kg		102	90 - 110

Lab Sample ID: 890-6969-41 MSD

Matrix: Solid

Analysis Batch: 87473

Client Sample ID: SW-14A

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	111		251	367.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-6969-61 MS

Matrix: Solid

Analysis Batch: 87473

Client Sample ID: SW-49

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	138		252	397.3		mg/Kg		103	90 - 110

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QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-6969-61 MSD							Client Sample ID: SW-49					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 87473												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	138		252	397.9		mg/Kg		103	90 - 110	0	20	

## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC VOA

## Analysis Batch: 87440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-41	SW-14A	Total/NA	Solid	8021B	87463
890-6969-42	SW-20A	Total/NA	Solid	8021B	87463
890-6969-43	SW-22A	Total/NA	Solid	8021B	87463
890-6969-44	SW-42	Total/NA	Solid	8021B	87463
890-6969-45	SW-43	Total/NA	Solid	8021B	87463
890-6969-46	SW-44	Total/NA	Solid	8021B	87463
890-6969-47	SW-45	Total/NA	Solid	8021B	87463
890-6969-48	SW-46	Total/NA	Solid	8021B	87463
890-6969-49	SW-47	Total/NA	Solid	8021B	87463
890-6969-50	SW-48	Total/NA	Solid	8021B	87463
890-6969-61	SW-49	Total/NA	Solid	8021B	87463
890-6969-62	SW-50	Total/NA	Solid	8021B	87463
890-6969-63	SW-51	Total/NA	Solid	8021B	87463
890-6969-64	SW-52	Total/NA	Solid	8021B	87463
890-6969-65	SW-53	Total/NA	Solid	8021B	87463
890-6969-66	SW-54	Total/NA	Solid	8021B	87463
890-6969-67	SW-55	Total/NA	Solid	8021B	87463
MB 880-87463/5-A	Method Blank	Total/NA	Solid	8021B	87463
LCS 880-87463/1-A	Lab Control Sample	Total/NA	Solid	8021B	87463
LCSD 880-87463/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87463
890-6969-41 MS	SW-14A	Total/NA	Solid	8021B	87463
890-6969-41 MSD	SW-14A	Total/NA	Solid	8021B	87463

## Analysis Batch: 87442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Total/NA	Solid	8021B	87461
890-6969-2	CS-6	Total/NA	Solid	8021B	87461
890-6969-3	CS-9	Total/NA	Solid	8021B	87461
890-6969-4	CS-10	Total/NA	Solid	8021B	87461
890-6969-5	CS-11	Total/NA	Solid	8021B	87461
890-6969-6	CS-12	Total/NA	Solid	8021B	87461
890-6969-7	CS-13	Total/NA	Solid	8021B	87461
890-6969-8	CS-25	Total/NA	Solid	8021B	87461
890-6969-9	CS-29	Total/NA	Solid	8021B	87461
890-6969-10	CS-31	Total/NA	Solid	8021B	87461
890-6969-11	CS-32	Total/NA	Solid	8021B	87461
890-6969-12	CS-34	Total/NA	Solid	8021B	87461
890-6969-13	CS-35	Total/NA	Solid	8021B	87461
890-6969-14	CS-37	Total/NA	Solid	8021B	87461
890-6969-15	CS-38	Total/NA	Solid	8021B	87461
890-6969-16	CS-41	Total/NA	Solid	8021B	87461
890-6969-17	CS-43	Total/NA	Solid	8021B	87461
890-6969-18	CS-44	Total/NA	Solid	8021B	87461
890-6969-19	CS-56	Total/NA	Solid	8021B	87461
890-6969-20	CS-57	Total/NA	Solid	8021B	87461
MB 880-87461/5-A	Method Blank	Total/NA	Solid	8021B	87461
LCS 880-87461/1-A	Lab Control Sample	Total/NA	Solid	8021B	87461
LCSD 880-87461/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87461
890-6969-1 MS	CS-4	Total/NA	Solid	8021B	87461
890-6969-1 MSD	CS-4	Total/NA	Solid	8021B	87461

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC VOA

## Analysis Batch: 87443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-21	CS-58	Total/NA	Solid	8021B	87462
890-6969-22	CS-59	Total/NA	Solid	8021B	87462
890-6969-23	CS-80	Total/NA	Solid	8021B	87462
890-6969-24	CS-81	Total/NA	Solid	8021B	87462
890-6969-25	CS-83	Total/NA	Solid	8021B	87462
890-6969-26	CS-84	Total/NA	Solid	8021B	87462
890-6969-27	CS-88	Total/NA	Solid	8021B	87462
890-6969-28	CS-89	Total/NA	Solid	8021B	87462
890-6969-29	CS-102	Total/NA	Solid	8021B	87462
890-6969-30	CS-103	Total/NA	Solid	8021B	87462
890-6969-31	CS-104	Total/NA	Solid	8021B	87462
890-6969-32	CS-113	Total/NA	Solid	8021B	87462
890-6969-33	CS-114	Total/NA	Solid	8021B	87462
890-6969-34	CS-115	Total/NA	Solid	8021B	87462
890-6969-35	CS-116	Total/NA	Solid	8021B	87462
890-6969-36	CS-117	Total/NA	Solid	8021B	87462
890-6969-37	CS-118	Total/NA	Solid	8021B	87462
890-6969-38	SW-9A	Total/NA	Solid	8021B	87462
890-6969-39	SW-10A	Total/NA	Solid	8021B	87462
890-6969-40	SW-13A	Total/NA	Solid	8021B	87462
MB 880-87462/5-A	Method Blank	Total/NA	Solid	8021B	87462
LCS 880-87462/1-A	Lab Control Sample	Total/NA	Solid	8021B	87462
LCSD 880-87462/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87462
890-6969-21 MS	CS-58	Total/NA	Solid	8021B	87462
890-6969-21 MSD	CS-58	Total/NA	Solid	8021B	87462

## Prep Batch: 87461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Total/NA	Solid	5035	
890-6969-2	CS-6	Total/NA	Solid	5035	
890-6969-3	CS-9	Total/NA	Solid	5035	
890-6969-4	CS-10	Total/NA	Solid	5035	
890-6969-5	CS-11	Total/NA	Solid	5035	
890-6969-6	CS-12	Total/NA	Solid	5035	
890-6969-7	CS-13	Total/NA	Solid	5035	
890-6969-8	CS-25	Total/NA	Solid	5035	
890-6969-9	CS-29	Total/NA	Solid	5035	
890-6969-10	CS-31	Total/NA	Solid	5035	
890-6969-11	CS-32	Total/NA	Solid	5035	
890-6969-12	CS-34	Total/NA	Solid	5035	
890-6969-13	CS-35	Total/NA	Solid	5035	
890-6969-14	CS-37	Total/NA	Solid	5035	
890-6969-15	CS-38	Total/NA	Solid	5035	
890-6969-16	CS-41	Total/NA	Solid	5035	
890-6969-17	CS-43	Total/NA	Solid	5035	
890-6969-18	CS-44	Total/NA	Solid	5035	
890-6969-19	CS-56	Total/NA	Solid	5035	
890-6969-20	CS-57	Total/NA	Solid	5035	
MB 880-87461/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87461/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87461/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC VOA (Continued)

## Prep Batch: 87461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1 MS	CS-4	Total/NA	Solid	5035	
890-6969-1 MSD	CS-4	Total/NA	Solid	5035	

## Prep Batch: 87462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-21	CS-58	Total/NA	Solid	5035	
890-6969-22	CS-59	Total/NA	Solid	5035	
890-6969-23	CS-80	Total/NA	Solid	5035	
890-6969-24	CS-81	Total/NA	Solid	5035	
890-6969-25	CS-83	Total/NA	Solid	5035	
890-6969-26	CS-84	Total/NA	Solid	5035	
890-6969-27	CS-88	Total/NA	Solid	5035	
890-6969-28	CS-89	Total/NA	Solid	5035	
890-6969-29	CS-102	Total/NA	Solid	5035	
890-6969-30	CS-103	Total/NA	Solid	5035	
890-6969-31	CS-104	Total/NA	Solid	5035	
890-6969-32	CS-113	Total/NA	Solid	5035	
890-6969-33	CS-114	Total/NA	Solid	5035	
890-6969-34	CS-115	Total/NA	Solid	5035	
890-6969-35	CS-116	Total/NA	Solid	5035	
890-6969-36	CS-117	Total/NA	Solid	5035	
890-6969-37	CS-118	Total/NA	Solid	5035	
890-6969-38	SW-9A	Total/NA	Solid	5035	
890-6969-39	SW-10A	Total/NA	Solid	5035	
890-6969-40	SW-13A	Total/NA	Solid	5035	
MB 880-87462/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87462/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87462/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6969-21 MS	CS-58	Total/NA	Solid	5035	
890-6969-21 MSD	CS-58	Total/NA	Solid	5035	

## Prep Batch: 87463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-41	SW-14A	Total/NA	Solid	5035	
890-6969-42	SW-20A	Total/NA	Solid	5035	
890-6969-43	SW-22A	Total/NA	Solid	5035	
890-6969-44	SW-42	Total/NA	Solid	5035	
890-6969-45	SW-43	Total/NA	Solid	5035	
890-6969-46	SW-44	Total/NA	Solid	5035	
890-6969-47	SW-45	Total/NA	Solid	5035	
890-6969-48	SW-46	Total/NA	Solid	5035	
890-6969-49	SW-47	Total/NA	Solid	5035	
890-6969-50	SW-48	Total/NA	Solid	5035	
890-6969-61	SW-49	Total/NA	Solid	5035	
890-6969-62	SW-50	Total/NA	Solid	5035	
890-6969-63	SW-51	Total/NA	Solid	5035	
890-6969-64	SW-52	Total/NA	Solid	5035	
890-6969-65	SW-53	Total/NA	Solid	5035	
890-6969-66	SW-54	Total/NA	Solid	5035	
890-6969-67	SW-55	Total/NA	Solid	5035	
MB 880-87463/5-A	Method Blank	Total/NA	Solid	5035	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC VOA (Continued)

## Prep Batch: 87463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-87463/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87463/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6969-41 MS	SW-14A	Total/NA	Solid	5035	
890-6969-41 MSD	SW-14A	Total/NA	Solid	5035	

## Analysis Batch: 87497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Total/NA	Solid	Total BTEX	
890-6969-2	CS-6	Total/NA	Solid	Total BTEX	
890-6969-3	CS-9	Total/NA	Solid	Total BTEX	
890-6969-4	CS-10	Total/NA	Solid	Total BTEX	
890-6969-5	CS-11	Total/NA	Solid	Total BTEX	
890-6969-6	CS-12	Total/NA	Solid	Total BTEX	
890-6969-7	CS-13	Total/NA	Solid	Total BTEX	
890-6969-8	CS-25	Total/NA	Solid	Total BTEX	
890-6969-9	CS-29	Total/NA	Solid	Total BTEX	
890-6969-10	CS-31	Total/NA	Solid	Total BTEX	
890-6969-11	CS-32	Total/NA	Solid	Total BTEX	
890-6969-12	CS-34	Total/NA	Solid	Total BTEX	
890-6969-13	CS-35	Total/NA	Solid	Total BTEX	
890-6969-14	CS-37	Total/NA	Solid	Total BTEX	
890-6969-15	CS-38	Total/NA	Solid	Total BTEX	
890-6969-16	CS-41	Total/NA	Solid	Total BTEX	
890-6969-17	CS-43	Total/NA	Solid	Total BTEX	
890-6969-18	CS-44	Total/NA	Solid	Total BTEX	
890-6969-19	CS-56	Total/NA	Solid	Total BTEX	
890-6969-20	CS-57	Total/NA	Solid	Total BTEX	
890-6969-21	CS-58	Total/NA	Solid	Total BTEX	
890-6969-22	CS-59	Total/NA	Solid	Total BTEX	
890-6969-23	CS-80	Total/NA	Solid	Total BTEX	
890-6969-24	CS-81	Total/NA	Solid	Total BTEX	
890-6969-25	CS-83	Total/NA	Solid	Total BTEX	
890-6969-26	CS-84	Total/NA	Solid	Total BTEX	
890-6969-27	CS-88	Total/NA	Solid	Total BTEX	
890-6969-28	CS-89	Total/NA	Solid	Total BTEX	
890-6969-29	CS-102	Total/NA	Solid	Total BTEX	
890-6969-30	CS-103	Total/NA	Solid	Total BTEX	
890-6969-31	CS-104	Total/NA	Solid	Total BTEX	
890-6969-32	CS-113	Total/NA	Solid	Total BTEX	
890-6969-33	CS-114	Total/NA	Solid	Total BTEX	
890-6969-34	CS-115	Total/NA	Solid	Total BTEX	
890-6969-35	CS-116	Total/NA	Solid	Total BTEX	
890-6969-36	CS-117	Total/NA	Solid	Total BTEX	
890-6969-37	CS-118	Total/NA	Solid	Total BTEX	
890-6969-38	SW-9A	Total/NA	Solid	Total BTEX	
890-6969-39	SW-10A	Total/NA	Solid	Total BTEX	
890-6969-40	SW-13A	Total/NA	Solid	Total BTEX	
890-6969-41	SW-14A	Total/NA	Solid	Total BTEX	
890-6969-42	SW-20A	Total/NA	Solid	Total BTEX	
890-6969-43	SW-22A	Total/NA	Solid	Total BTEX	
890-6969-44	SW-42	Total/NA	Solid	Total BTEX	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC VOA (Continued)

## Analysis Batch: 87497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-45	SW-43	Total/NA	Solid	Total BTEX	
890-6969-46	SW-44	Total/NA	Solid	Total BTEX	
890-6969-47	SW-45	Total/NA	Solid	Total BTEX	
890-6969-48	SW-46	Total/NA	Solid	Total BTEX	
890-6969-49	SW-47	Total/NA	Solid	Total BTEX	
890-6969-50	SW-48	Total/NA	Solid	Total BTEX	
890-6969-61	SW-49	Total/NA	Solid	Total BTEX	
890-6969-62	SW-50	Total/NA	Solid	Total BTEX	
890-6969-63	SW-51	Total/NA	Solid	Total BTEX	
890-6969-64	SW-52	Total/NA	Solid	Total BTEX	
890-6969-65	SW-53	Total/NA	Solid	Total BTEX	
890-6969-66	SW-54	Total/NA	Solid	Total BTEX	
890-6969-67	SW-55	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 87417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-61	SW-49	Total/NA	Solid	8015NM Prep	
890-6969-62	SW-50	Total/NA	Solid	8015NM Prep	
890-6969-63	SW-51	Total/NA	Solid	8015NM Prep	
890-6969-64	SW-52	Total/NA	Solid	8015NM Prep	
890-6969-65	SW-53	Total/NA	Solid	8015NM Prep	
890-6969-66	SW-54	Total/NA	Solid	8015NM Prep	
890-6969-67	SW-55	Total/NA	Solid	8015NM Prep	
MB 880-87417/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87417/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87417/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6969-61 MS	SW-49	Total/NA	Solid	8015NM Prep	
890-6969-61 MSD	SW-49	Total/NA	Solid	8015NM Prep	

## Prep Batch: 87420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-41	SW-14A	Total/NA	Solid	8015NM Prep	
890-6969-42	SW-20A	Total/NA	Solid	8015NM Prep	
890-6969-43	SW-22A	Total/NA	Solid	8015NM Prep	
890-6969-44	SW-42	Total/NA	Solid	8015NM Prep	
890-6969-45	SW-43	Total/NA	Solid	8015NM Prep	
890-6969-46	SW-44	Total/NA	Solid	8015NM Prep	
890-6969-47	SW-45	Total/NA	Solid	8015NM Prep	
890-6969-48	SW-46	Total/NA	Solid	8015NM Prep	
890-6969-49	SW-47	Total/NA	Solid	8015NM Prep	
890-6969-50	SW-48	Total/NA	Solid	8015NM Prep	
MB 880-87420/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87420/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87420/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6969-41 MS	SW-14A	Total/NA	Solid	8015NM Prep	
890-6969-41 MSD	SW-14A	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC Semi VOA

## Prep Batch: 87421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-21	CS-58	Total/NA	Solid	8015NM Prep	
890-6969-22	CS-59	Total/NA	Solid	8015NM Prep	
890-6969-23	CS-80	Total/NA	Solid	8015NM Prep	
890-6969-24	CS-81	Total/NA	Solid	8015NM Prep	
890-6969-25	CS-83	Total/NA	Solid	8015NM Prep	
890-6969-26	CS-84	Total/NA	Solid	8015NM Prep	
890-6969-27	CS-88	Total/NA	Solid	8015NM Prep	
890-6969-28	CS-89	Total/NA	Solid	8015NM Prep	
890-6969-29	CS-102	Total/NA	Solid	8015NM Prep	
890-6969-30	CS-103	Total/NA	Solid	8015NM Prep	
890-6969-31	CS-104	Total/NA	Solid	8015NM Prep	
890-6969-32	CS-113	Total/NA	Solid	8015NM Prep	
890-6969-33	CS-114	Total/NA	Solid	8015NM Prep	
890-6969-34	CS-115	Total/NA	Solid	8015NM Prep	
890-6969-35	CS-116	Total/NA	Solid	8015NM Prep	
890-6969-36	CS-117	Total/NA	Solid	8015NM Prep	
890-6969-37	CS-118	Total/NA	Solid	8015NM Prep	
890-6969-38	SW-9A	Total/NA	Solid	8015NM Prep	
890-6969-39	SW-10A	Total/NA	Solid	8015NM Prep	
890-6969-40	SW-13A	Total/NA	Solid	8015NM Prep	
MB 880-87421/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87421/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6969-21 MS	CS-58	Total/NA	Solid	8015NM Prep	
890-6969-21 MSD	CS-58	Total/NA	Solid	8015NM Prep	

## Prep Batch: 87422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Total/NA	Solid	8015NM Prep	
890-6969-2	CS-6	Total/NA	Solid	8015NM Prep	
890-6969-3	CS-9	Total/NA	Solid	8015NM Prep	
890-6969-4	CS-10	Total/NA	Solid	8015NM Prep	
890-6969-5	CS-11	Total/NA	Solid	8015NM Prep	
890-6969-6	CS-12	Total/NA	Solid	8015NM Prep	
890-6969-7	CS-13	Total/NA	Solid	8015NM Prep	
890-6969-8	CS-25	Total/NA	Solid	8015NM Prep	
890-6969-9	CS-29	Total/NA	Solid	8015NM Prep	
890-6969-10	CS-31	Total/NA	Solid	8015NM Prep	
890-6969-11	CS-32	Total/NA	Solid	8015NM Prep	
890-6969-12	CS-34	Total/NA	Solid	8015NM Prep	
890-6969-13	CS-35	Total/NA	Solid	8015NM Prep	
890-6969-14	CS-37	Total/NA	Solid	8015NM Prep	
890-6969-15	CS-38	Total/NA	Solid	8015NM Prep	
890-6969-16	CS-41	Total/NA	Solid	8015NM Prep	
890-6969-17	CS-43	Total/NA	Solid	8015NM Prep	
890-6969-18	CS-44	Total/NA	Solid	8015NM Prep	
890-6969-19	CS-56	Total/NA	Solid	8015NM Prep	
890-6969-20	CS-57	Total/NA	Solid	8015NM Prep	
MB 880-87422/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87422/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
890-6969-1 MS	CS-4	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC Semi VOA (Continued)

## Prep Batch: 87422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1 MSD	CS-4	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 87448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Total/NA	Solid	8015B NM	87422
890-6969-2	CS-6	Total/NA	Solid	8015B NM	87422
890-6969-3	CS-9	Total/NA	Solid	8015B NM	87422
890-6969-4	CS-10	Total/NA	Solid	8015B NM	87422
890-6969-5	CS-11	Total/NA	Solid	8015B NM	87422
890-6969-6	CS-12	Total/NA	Solid	8015B NM	87422
890-6969-7	CS-13	Total/NA	Solid	8015B NM	87422
890-6969-8	CS-25	Total/NA	Solid	8015B NM	87422
890-6969-9	CS-29	Total/NA	Solid	8015B NM	87422
890-6969-10	CS-31	Total/NA	Solid	8015B NM	87422
890-6969-11	CS-32	Total/NA	Solid	8015B NM	87422
890-6969-12	CS-34	Total/NA	Solid	8015B NM	87422
890-6969-13	CS-35	Total/NA	Solid	8015B NM	87422
890-6969-14	CS-37	Total/NA	Solid	8015B NM	87422
890-6969-15	CS-38	Total/NA	Solid	8015B NM	87422
890-6969-16	CS-41	Total/NA	Solid	8015B NM	87422
890-6969-17	CS-43	Total/NA	Solid	8015B NM	87422
890-6969-18	CS-44	Total/NA	Solid	8015B NM	87422
890-6969-19	CS-56	Total/NA	Solid	8015B NM	87422
890-6969-20	CS-57	Total/NA	Solid	8015B NM	87422
MB 880-87422/1-A	Method Blank	Total/NA	Solid	8015B NM	87422
LCS 880-87422/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87422
LCS 880-87422/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87422
890-6969-1 MS	CS-4	Total/NA	Solid	8015B NM	87422
890-6969-1 MSD	CS-4	Total/NA	Solid	8015B NM	87422

## Analysis Batch: 87450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-21	CS-58	Total/NA	Solid	8015B NM	87421
890-6969-22	CS-59	Total/NA	Solid	8015B NM	87421
890-6969-23	CS-80	Total/NA	Solid	8015B NM	87421
890-6969-24	CS-81	Total/NA	Solid	8015B NM	87421
890-6969-25	CS-83	Total/NA	Solid	8015B NM	87421
890-6969-26	CS-84	Total/NA	Solid	8015B NM	87421
890-6969-27	CS-88	Total/NA	Solid	8015B NM	87421
890-6969-28	CS-89	Total/NA	Solid	8015B NM	87421
890-6969-29	CS-102	Total/NA	Solid	8015B NM	87421
890-6969-30	CS-103	Total/NA	Solid	8015B NM	87421
890-6969-31	CS-104	Total/NA	Solid	8015B NM	87421
890-6969-32	CS-113	Total/NA	Solid	8015B NM	87421
890-6969-33	CS-114	Total/NA	Solid	8015B NM	87421
890-6969-34	CS-115	Total/NA	Solid	8015B NM	87421
890-6969-35	CS-116	Total/NA	Solid	8015B NM	87421
890-6969-36	CS-117	Total/NA	Solid	8015B NM	87421
890-6969-37	CS-118	Total/NA	Solid	8015B NM	87421
890-6969-38	SW-9A	Total/NA	Solid	8015B NM	87421
890-6969-39	SW-10A	Total/NA	Solid	8015B NM	87421

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC Semi VOA (Continued)

## Analysis Batch: 87450 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-40	SW-13A	Total/NA	Solid	8015B NM	87421
MB 880-87421/1-A	Method Blank	Total/NA	Solid	8015B NM	87421
LCS 880-87421/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87421
LCSD 880-87421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87421
890-6969-21 MS	CS-58	Total/NA	Solid	8015B NM	87421
890-6969-21 MSD	CS-58	Total/NA	Solid	8015B NM	87421

## Analysis Batch: 87517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-41	SW-14A	Total/NA	Solid	8015B NM	87420
890-6969-42	SW-20A	Total/NA	Solid	8015B NM	87420
890-6969-43	SW-22A	Total/NA	Solid	8015B NM	87420
890-6969-44	SW-42	Total/NA	Solid	8015B NM	87420
890-6969-45	SW-43	Total/NA	Solid	8015B NM	87420
890-6969-46	SW-44	Total/NA	Solid	8015B NM	87420
890-6969-47	SW-45	Total/NA	Solid	8015B NM	87420
890-6969-48	SW-46	Total/NA	Solid	8015B NM	87420
890-6969-49	SW-47	Total/NA	Solid	8015B NM	87420
890-6969-50	SW-48	Total/NA	Solid	8015B NM	87420
MB 880-87420/1-A	Method Blank	Total/NA	Solid	8015B NM	87420
LCS 880-87420/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87420
LCSD 880-87420/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87420
890-6969-41 MS	SW-14A	Total/NA	Solid	8015B NM	87420
890-6969-41 MSD	SW-14A	Total/NA	Solid	8015B NM	87420

## Analysis Batch: 87519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-61	SW-49	Total/NA	Solid	8015B NM	87417
890-6969-62	SW-50	Total/NA	Solid	8015B NM	87417
890-6969-63	SW-51	Total/NA	Solid	8015B NM	87417
890-6969-64	SW-52	Total/NA	Solid	8015B NM	87417
890-6969-65	SW-53	Total/NA	Solid	8015B NM	87417
890-6969-66	SW-54	Total/NA	Solid	8015B NM	87417
890-6969-67	SW-55	Total/NA	Solid	8015B NM	87417
MB 880-87417/1-A	Method Blank	Total/NA	Solid	8015B NM	87417
LCS 880-87417/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87417
LCSD 880-87417/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87417
890-6969-61 MS	SW-49	Total/NA	Solid	8015B NM	87417
890-6969-61 MSD	SW-49	Total/NA	Solid	8015B NM	87417

## Analysis Batch: 87613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Total/NA	Solid	8015 NM	
890-6969-2	CS-6	Total/NA	Solid	8015 NM	
890-6969-3	CS-9	Total/NA	Solid	8015 NM	
890-6969-4	CS-10	Total/NA	Solid	8015 NM	
890-6969-5	CS-11	Total/NA	Solid	8015 NM	
890-6969-6	CS-12	Total/NA	Solid	8015 NM	
890-6969-7	CS-13	Total/NA	Solid	8015 NM	
890-6969-8	CS-25	Total/NA	Solid	8015 NM	
890-6969-9	CS-29	Total/NA	Solid	8015 NM	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## GC Semi VOA (Continued)

## Analysis Batch: 87613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-10	CS-31	Total/NA	Solid	8015 NM	
890-6969-11	CS-32	Total/NA	Solid	8015 NM	
890-6969-12	CS-34	Total/NA	Solid	8015 NM	
890-6969-13	CS-35	Total/NA	Solid	8015 NM	
890-6969-14	CS-37	Total/NA	Solid	8015 NM	
890-6969-15	CS-38	Total/NA	Solid	8015 NM	
890-6969-16	CS-41	Total/NA	Solid	8015 NM	
890-6969-17	CS-43	Total/NA	Solid	8015 NM	
890-6969-18	CS-44	Total/NA	Solid	8015 NM	
890-6969-19	CS-56	Total/NA	Solid	8015 NM	
890-6969-20	CS-57	Total/NA	Solid	8015 NM	
890-6969-21	CS-58	Total/NA	Solid	8015 NM	
890-6969-22	CS-59	Total/NA	Solid	8015 NM	
890-6969-23	CS-80	Total/NA	Solid	8015 NM	
890-6969-24	CS-81	Total/NA	Solid	8015 NM	
890-6969-25	CS-83	Total/NA	Solid	8015 NM	
890-6969-26	CS-84	Total/NA	Solid	8015 NM	
890-6969-27	CS-88	Total/NA	Solid	8015 NM	
890-6969-28	CS-89	Total/NA	Solid	8015 NM	
890-6969-29	CS-102	Total/NA	Solid	8015 NM	
890-6969-30	CS-103	Total/NA	Solid	8015 NM	
890-6969-31	CS-104	Total/NA	Solid	8015 NM	
890-6969-32	CS-113	Total/NA	Solid	8015 NM	
890-6969-33	CS-114	Total/NA	Solid	8015 NM	
890-6969-34	CS-115	Total/NA	Solid	8015 NM	
890-6969-35	CS-116	Total/NA	Solid	8015 NM	
890-6969-36	CS-117	Total/NA	Solid	8015 NM	
890-6969-37	CS-118	Total/NA	Solid	8015 NM	
890-6969-38	SW-9A	Total/NA	Solid	8015 NM	
890-6969-39	SW-10A	Total/NA	Solid	8015 NM	
890-6969-40	SW-13A	Total/NA	Solid	8015 NM	
890-6969-41	SW-14A	Total/NA	Solid	8015 NM	
890-6969-42	SW-20A	Total/NA	Solid	8015 NM	
890-6969-43	SW-22A	Total/NA	Solid	8015 NM	
890-6969-44	SW-42	Total/NA	Solid	8015 NM	
890-6969-45	SW-43	Total/NA	Solid	8015 NM	
890-6969-46	SW-44	Total/NA	Solid	8015 NM	
890-6969-47	SW-45	Total/NA	Solid	8015 NM	
890-6969-48	SW-46	Total/NA	Solid	8015 NM	
890-6969-49	SW-47	Total/NA	Solid	8015 NM	
890-6969-50	SW-48	Total/NA	Solid	8015 NM	
890-6969-61	SW-49	Total/NA	Solid	8015 NM	
890-6969-62	SW-50	Total/NA	Solid	8015 NM	
890-6969-63	SW-51	Total/NA	Solid	8015 NM	
890-6969-64	SW-52	Total/NA	Solid	8015 NM	
890-6969-65	SW-53	Total/NA	Solid	8015 NM	
890-6969-66	SW-54	Total/NA	Solid	8015 NM	
890-6969-67	SW-55	Total/NA	Solid	8015 NM	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## HPLC/IC

## Leach Batch: 87464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Soluble	Solid	DI Leach	
890-6969-2	CS-6	Soluble	Solid	DI Leach	
890-6969-3	CS-9	Soluble	Solid	DI Leach	
890-6969-4	CS-10	Soluble	Solid	DI Leach	
890-6969-5	CS-11	Soluble	Solid	DI Leach	
890-6969-6	CS-12	Soluble	Solid	DI Leach	
890-6969-7	CS-13	Soluble	Solid	DI Leach	
890-6969-8	CS-25	Soluble	Solid	DI Leach	
890-6969-9	CS-29	Soluble	Solid	DI Leach	
890-6969-10	CS-31	Soluble	Solid	DI Leach	
890-6969-11	CS-32	Soluble	Solid	DI Leach	
890-6969-12	CS-34	Soluble	Solid	DI Leach	
890-6969-13	CS-35	Soluble	Solid	DI Leach	
890-6969-14	CS-37	Soluble	Solid	DI Leach	
890-6969-15	CS-38	Soluble	Solid	DI Leach	
890-6969-16	CS-41	Soluble	Solid	DI Leach	
890-6969-17	CS-43	Soluble	Solid	DI Leach	
890-6969-18	CS-44	Soluble	Solid	DI Leach	
890-6969-19	CS-56	Soluble	Solid	DI Leach	
890-6969-20	CS-57	Soluble	Solid	DI Leach	
MB 880-87464/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87464/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87464/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6969-1 MS	CS-4	Soluble	Solid	DI Leach	
890-6969-1 MSD	CS-4	Soluble	Solid	DI Leach	
890-6969-11 MS	CS-32	Soluble	Solid	DI Leach	
890-6969-11 MSD	CS-32	Soluble	Solid	DI Leach	

## Leach Batch: 87465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-21	CS-58	Soluble	Solid	DI Leach	
890-6969-22	CS-59	Soluble	Solid	DI Leach	
890-6969-23	CS-80	Soluble	Solid	DI Leach	
890-6969-24	CS-81	Soluble	Solid	DI Leach	
890-6969-25	CS-83	Soluble	Solid	DI Leach	
890-6969-26	CS-84	Soluble	Solid	DI Leach	
890-6969-27	CS-88	Soluble	Solid	DI Leach	
890-6969-28	CS-89	Soluble	Solid	DI Leach	
890-6969-29	CS-102	Soluble	Solid	DI Leach	
890-6969-30	CS-103	Soluble	Solid	DI Leach	
890-6969-31	CS-104	Soluble	Solid	DI Leach	
890-6969-32	CS-113	Soluble	Solid	DI Leach	
890-6969-33	CS-114	Soluble	Solid	DI Leach	
890-6969-34	CS-115	Soluble	Solid	DI Leach	
890-6969-35	CS-116	Soluble	Solid	DI Leach	
890-6969-36	CS-117	Soluble	Solid	DI Leach	
890-6969-37	CS-118	Soluble	Solid	DI Leach	
890-6969-38	SW-9A	Soluble	Solid	DI Leach	
890-6969-39	SW-10A	Soluble	Solid	DI Leach	
890-6969-40	SW-13A	Soluble	Solid	DI Leach	
MB 880-87465/1-A	Method Blank	Soluble	Solid	DI Leach	

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## HPLC/IC (Continued)

## Leach Batch: 87465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-87465/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87465/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6969-21 MS	CS-58	Soluble	Solid	DI Leach	
890-6969-21 MSD	CS-58	Soluble	Solid	DI Leach	
890-6969-31 MS	CS-104	Soluble	Solid	DI Leach	
890-6969-31 MSD	CS-104	Soluble	Solid	DI Leach	

## Leach Batch: 87466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-41	SW-14A	Soluble	Solid	DI Leach	
890-6969-42	SW-20A	Soluble	Solid	DI Leach	
890-6969-43	SW-22A	Soluble	Solid	DI Leach	
890-6969-44	SW-42	Soluble	Solid	DI Leach	
890-6969-45	SW-43	Soluble	Solid	DI Leach	
890-6969-46	SW-44	Soluble	Solid	DI Leach	
890-6969-47	SW-45	Soluble	Solid	DI Leach	
890-6969-48	SW-46	Soluble	Solid	DI Leach	
890-6969-49	SW-47	Soluble	Solid	DI Leach	
890-6969-50	SW-48	Soluble	Solid	DI Leach	
890-6969-61	SW-49	Soluble	Solid	DI Leach	
890-6969-62	SW-50	Soluble	Solid	DI Leach	
890-6969-63	SW-51	Soluble	Solid	DI Leach	
890-6969-64	SW-52	Soluble	Solid	DI Leach	
890-6969-65	SW-53	Soluble	Solid	DI Leach	
890-6969-66	SW-54	Soluble	Solid	DI Leach	
890-6969-67	SW-55	Soluble	Solid	DI Leach	
MB 880-87466/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87466/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87466/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6969-41 MS	SW-14A	Soluble	Solid	DI Leach	
890-6969-41 MSD	SW-14A	Soluble	Solid	DI Leach	
890-6969-61 MS	SW-49	Soluble	Solid	DI Leach	
890-6969-61 MSD	SW-49	Soluble	Solid	DI Leach	

## Analysis Batch: 87467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-21	CS-58	Soluble	Solid	300.0	87465
890-6969-22	CS-59	Soluble	Solid	300.0	87465
890-6969-23	CS-80	Soluble	Solid	300.0	87465
890-6969-24	CS-81	Soluble	Solid	300.0	87465
890-6969-25	CS-83	Soluble	Solid	300.0	87465
890-6969-26	CS-84	Soluble	Solid	300.0	87465
890-6969-27	CS-88	Soluble	Solid	300.0	87465
890-6969-28	CS-89	Soluble	Solid	300.0	87465
890-6969-29	CS-102	Soluble	Solid	300.0	87465
890-6969-30	CS-103	Soluble	Solid	300.0	87465
890-6969-31	CS-104	Soluble	Solid	300.0	87465
890-6969-32	CS-113	Soluble	Solid	300.0	87465
890-6969-33	CS-114	Soluble	Solid	300.0	87465
890-6969-34	CS-115	Soluble	Solid	300.0	87465
890-6969-35	CS-116	Soluble	Solid	300.0	87465

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## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## HPLC/IC (Continued)

## Analysis Batch: 87467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-36	CS-117	Soluble	Solid	300.0	87465
890-6969-37	CS-118	Soluble	Solid	300.0	87465
890-6969-38	SW-9A	Soluble	Solid	300.0	87465
890-6969-39	SW-10A	Soluble	Solid	300.0	87465
890-6969-40	SW-13A	Soluble	Solid	300.0	87465
MB 880-87465/1-A	Method Blank	Soluble	Solid	300.0	87465
LCS 880-87465/2-A	Lab Control Sample	Soluble	Solid	300.0	87465
LCSD 880-87465/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87465
890-6969-21 MS	CS-58	Soluble	Solid	300.0	87465
890-6969-21 MSD	CS-58	Soluble	Solid	300.0	87465
890-6969-31 MS	CS-104	Soluble	Solid	300.0	87465
890-6969-31 MSD	CS-104	Soluble	Solid	300.0	87465

## Analysis Batch: 87469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-1	CS-4	Soluble	Solid	300.0	87464
890-6969-2	CS-6	Soluble	Solid	300.0	87464
890-6969-3	CS-9	Soluble	Solid	300.0	87464
890-6969-4	CS-10	Soluble	Solid	300.0	87464
890-6969-5	CS-11	Soluble	Solid	300.0	87464
890-6969-6	CS-12	Soluble	Solid	300.0	87464
890-6969-7	CS-13	Soluble	Solid	300.0	87464
890-6969-8	CS-25	Soluble	Solid	300.0	87464
890-6969-9	CS-29	Soluble	Solid	300.0	87464
890-6969-10	CS-31	Soluble	Solid	300.0	87464
890-6969-11	CS-32	Soluble	Solid	300.0	87464
890-6969-12	CS-34	Soluble	Solid	300.0	87464
890-6969-13	CS-35	Soluble	Solid	300.0	87464
890-6969-14	CS-37	Soluble	Solid	300.0	87464
890-6969-15	CS-38	Soluble	Solid	300.0	87464
890-6969-16	CS-41	Soluble	Solid	300.0	87464
890-6969-17	CS-43	Soluble	Solid	300.0	87464
890-6969-18	CS-44	Soluble	Solid	300.0	87464
890-6969-19	CS-56	Soluble	Solid	300.0	87464
890-6969-20	CS-57	Soluble	Solid	300.0	87464
MB 880-87464/1-A	Method Blank	Soluble	Solid	300.0	87464
LCS 880-87464/2-A	Lab Control Sample	Soluble	Solid	300.0	87464
LCSD 880-87464/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87464
890-6969-1 MS	CS-4	Soluble	Solid	300.0	87464
890-6969-1 MSD	CS-4	Soluble	Solid	300.0	87464
890-6969-11 MS	CS-32	Soluble	Solid	300.0	87464
890-6969-11 MSD	CS-32	Soluble	Solid	300.0	87464

## Analysis Batch: 87473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-41	SW-14A	Soluble	Solid	300.0	87466
890-6969-42	SW-20A	Soluble	Solid	300.0	87466
890-6969-43	SW-22A	Soluble	Solid	300.0	87466
890-6969-44	SW-42	Soluble	Solid	300.0	87466
890-6969-45	SW-43	Soluble	Solid	300.0	87466
890-6969-46	SW-44	Soluble	Solid	300.0	87466

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QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

HPLC/IC (Continued)

Analysis Batch: 87473 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6969-47	SW-45	Soluble	Solid	300.0	87466
890-6969-48	SW-46	Soluble	Solid	300.0	87466
890-6969-49	SW-47	Soluble	Solid	300.0	87466
890-6969-50	SW-48	Soluble	Solid	300.0	87466
890-6969-61	SW-49	Soluble	Solid	300.0	87466
890-6969-62	SW-50	Soluble	Solid	300.0	87466
890-6969-63	SW-51	Soluble	Solid	300.0	87466
890-6969-64	SW-52	Soluble	Solid	300.0	87466
890-6969-65	SW-53	Soluble	Solid	300.0	87466
890-6969-66	SW-54	Soluble	Solid	300.0	87466
890-6969-67	SW-55	Soluble	Solid	300.0	87466
MB 880-87466/1-A	Method Blank	Soluble	Solid	300.0	87466
LCS 880-87466/2-A	Lab Control Sample	Soluble	Solid	300.0	87466
LCSD 880-87466/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87466
890-6969-41 MS	SW-14A	Soluble	Solid	300.0	87466
890-6969-41 MSD	SW-14A	Soluble	Solid	300.0	87466
890-6969-61 MS	SW-49	Soluble	Solid	300.0	87466
890-6969-61 MSD	SW-49	Soluble	Solid	300.0	87466

## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Client Sample ID: CS-4

## Lab Sample ID: 890-6969-1

Date Collected: 08/01/24 09:09

Matrix: Solid

Date Received: 08/02/24 09:53

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 19:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 11:36	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 10:39	CH	EET MID

## Client Sample ID: CS-6

## Lab Sample ID: 890-6969-2

Date Collected: 08/01/24 09:12

Matrix: Solid

Date Received: 08/02/24 09:53

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 19:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 12:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 12:38	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 11:05	CH	EET MID

## Client Sample ID: CS-9

## Lab Sample ID: 890-6969-3

Date Collected: 08/01/24 09:15

Matrix: Solid

Date Received: 08/02/24 09:53

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 19:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 19:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 12:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 12:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 11:14	CH	EET MID

## Client Sample ID: CS-10

## Lab Sample ID: 890-6969-4

Date Collected: 08/01/24 09:18

Matrix: Solid

Date Received: 08/02/24 09:53

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:13	SM	EET MID

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Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-10

Date Collected: 08/01/24 09:18

Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-4

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			87613	08/05/24 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 13:20	SM	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 11:23	CH	EET MID

Client Sample ID: CS-11

Date Collected: 08/01/24 09:21

Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-5

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			4.95 g	5 mL	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 13:41	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 11:32	CH	EET MID

Client Sample ID: CS-12

Date Collected: 08/01/24 09:24

Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 14:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 11:58	CH	EET MID

Client Sample ID: CS-13

Date Collected: 08/01/24 09:27

Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 14:22	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: CS-13****Lab Sample ID: 890-6969-7****Date Collected: 08/01/24 09:27****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 12:07	CH	EET MID

**Client Sample ID: CS-25****Lab Sample ID: 890-6969-8****Date Collected: 08/01/24 09:30****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 14:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 12:16	CH	EET MID

**Client Sample ID: CS-29****Lab Sample ID: 890-6969-9****Date Collected: 08/01/24 09:33****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 21:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 15:04	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 12:25	CH	EET MID

**Client Sample ID: CS-31****Lab Sample ID: 890-6969-10****Date Collected: 08/01/24 09:36****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 22:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 22:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 15:25	SM	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 12:34	CH	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: CS-32****Lab Sample ID: 890-6969-11****Date Collected: 08/01/24 09:39****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/03/24 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 23:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 16:06	SM	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 12:42	CH	EET MID

**Client Sample ID: CS-34****Lab Sample ID: 890-6969-12****Date Collected: 08/01/24 09:42****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 16:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 13:09	CH	EET MID

**Client Sample ID: CS-35****Lab Sample ID: 890-6969-13****Date Collected: 08/01/24 09:45****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 16:48	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 13:18	CH	EET MID

**Client Sample ID: CS-37****Lab Sample ID: 890-6969-14****Date Collected: 08/01/24 09:51****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:51	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: CS-37****Lab Sample ID: 890-6969-14****Date Collected: 08/01/24 09:51****Matrix: Solid****Date Received: 08/02/24 09:53**

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			87613	08/05/24 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 17:09	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 13:44	CH	EET MID

**Client Sample ID: CS-38****Lab Sample ID: 890-6969-15****Date Collected: 08/01/24 09:54****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 17:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 17:30	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 13:53	CH	EET MID

**Client Sample ID: CS-41****Lab Sample ID: 890-6969-16****Date Collected: 08/01/24 09:57****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 01:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 17:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 17:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 14:02	CH	EET MID

**Client Sample ID: CS-43****Lab Sample ID: 890-6969-17****Date Collected: 08/01/24 10:00****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 18:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 18:11	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

## Client Sample ID: CS-43

Date Collected: 08/01/24 10:00

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-17

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	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 14:11	CH	EET MID

## Client Sample ID: CS-44

Date Collected: 08/01/24 10:02

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-18

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	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 02:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 02:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 18:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 14:20	CH	EET MID

## Client Sample ID: CS-56

Date Collected: 08/01/24 10:03

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-19

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			5.00 g	5 mL	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 02:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 02:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 18:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 18:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 14:29	CH	EET MID

## Client Sample ID: CS-57

Date Collected: 08/01/24 10:06

Date Received: 08/02/24 09:53

## Lab Sample ID: 890-6969-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87461	08/03/24 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87442	08/04/24 02:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 02:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 19:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87422	08/02/24 16:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87448	08/05/24 19:14	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	87464	08/05/24 08:39	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87469	08/05/24 14:37	CH	EET MID

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Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-58  
Date Collected: 08/01/24 10:09  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-21  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 19:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 11:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 11:36	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87465	08/05/24 08:40	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 10:25	CH	EET MID

Client Sample ID: CS-59  
Date Collected: 08/01/24 10:12  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-22  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 12:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 12:38	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 10:40	CH	EET MID

Client Sample ID: CS-80  
Date Collected: 08/01/24 10:15  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-23  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 12:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 12:59	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 10:46	CH	EET MID

Client Sample ID: CS-81  
Date Collected: 08/01/24 10:18  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-24  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 20:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:45	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: CS-81****Lab Sample ID: 890-6969-24****Date Collected: 08/01/24 10:18****Matrix: Solid****Date Received: 08/02/24 09:53**

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			87613	08/05/24 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 13:20	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 10:51	CH	EET MID

**Client Sample ID: CS-83****Lab Sample ID: 890-6969-25****Date Collected: 08/01/24 10:21****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 13:41	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 10:56	CH	EET MID

**Client Sample ID: CS-84****Lab Sample ID: 890-6969-26****Date Collected: 08/01/24 10:24****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 21:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 14:01	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:12	CH	EET MID

**Client Sample ID: CS-88****Lab Sample ID: 890-6969-27****Date Collected: 08/01/24 10:27****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 14:22	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: CS-88****Lab Sample ID: 890-6969-27****Date Collected: 08/01/24 10:27****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:17	CH	EET MID

**Client Sample ID: CS-89****Lab Sample ID: 890-6969-28****Date Collected: 08/01/24 10:30****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 22:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 22:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 14:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:22	CH	EET MID

**Client Sample ID: CS-102****Lab Sample ID: 890-6969-29****Date Collected: 08/01/24 10:33****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 22:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 15:04	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:27	CH	EET MID

**Client Sample ID: CS-103****Lab Sample ID: 890-6969-30****Date Collected: 08/01/24 10:36****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/03/24 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 22:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 15:25	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:33	CH	EET MID

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Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: CS-104  
Date Collected: 08/01/24 10:38  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-31  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 00:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 16:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:38	CH	EET MID

Client Sample ID: CS-113  
Date Collected: 08/01/24 10:42  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-32  
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 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 00:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 16:27	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:54	CH	EET MID

Client Sample ID: CS-114  
Date Collected: 08/01/24 10:48  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-33  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 16:48	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 11:59	CH	EET MID

Client Sample ID: CS-115  
Date Collected: 08/01/24 10:51  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-34  
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			5.01 g	5 mL	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:40	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: CS-115****Lab Sample ID: 890-6969-34****Date Collected: 08/01/24 10:51****Matrix: Solid****Date Received: 08/02/24 09:53**

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			87613	08/05/24 17:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 17:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 12:15	CH	EET MID

**Client Sample ID: CS-116****Lab Sample ID: 890-6969-35****Date Collected: 08/01/24 10:57****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 02:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 17:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 17:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 12:20	CH	EET MID

**Client Sample ID: CS-117****Lab Sample ID: 890-6969-36****Date Collected: 08/01/24 11:00****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 02:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 17:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 17:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 12:25	CH	EET MID

**Client Sample ID: CS-118****Lab Sample ID: 890-6969-37****Date Collected: 08/01/24 11:03****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 02:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 18:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 18:11	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: CS-118****Lab Sample ID: 890-6969-37****Date Collected: 08/01/24 11:03****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 12:30	CH	EET MID

**Client Sample ID: SW-9A****Lab Sample ID: 890-6969-38****Date Collected: 08/01/24 11:06****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 03:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 03:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 18:32	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 12:35	CH	EET MID

**Client Sample ID: SW-10A****Lab Sample ID: 890-6969-39****Date Collected: 08/01/24 11:09****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 03:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 18:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 18:53	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 12:41	CH	EET MID

**Client Sample ID: SW-13A****Lab Sample ID: 890-6969-40****Date Collected: 08/01/24 11:15****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87462	08/03/24 08:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87443	08/04/24 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 03:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 19:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87421	08/02/24 16:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87450	08/05/24 19:14	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	87465	08/05/24 08:41	SA	EET MID
Soluble	Analysis	300.0		1			87467	08/05/24 12:46	CH	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: SW-14A****Lab Sample ID: 890-6969-41****Date Collected: 08/01/24 11:18****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 13:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 13:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 13:28	CH	EET MID

**Client Sample ID: SW-20A****Lab Sample ID: 890-6969-42****Date Collected: 08/01/24 11:21****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 14:52	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 13:44	CH	EET MID

**Client Sample ID: SW-22A****Lab Sample ID: 890-6969-43****Date Collected: 08/01/24 11:21****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 15:11	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 13:49	CH	EET MID

**Client Sample ID: SW-42****Lab Sample ID: 890-6969-44****Date Collected: 08/01/24 11:24****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 20:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:12	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: SW-42****Lab Sample ID: 890-6969-44****Date Collected: 08/01/24 11:24****Matrix: Solid****Date Received: 08/02/24 09:53**

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			87613	08/05/24 15:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 15:29	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 13:54	CH	EET MID

**Client Sample ID: SW-43****Lab Sample ID: 890-6969-45****Date Collected: 08/01/24 11:27****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 20:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 15:47	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 13:59	CH	EET MID

**Client Sample ID: SW-44****Lab Sample ID: 890-6969-46****Date Collected: 08/01/24 11:30****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 20:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 20:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 16:05	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 14:15	CH	EET MID

**Client Sample ID: SW-45****Lab Sample ID: 890-6969-47****Date Collected: 08/01/24 11:33****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 21:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 16:24	TKC	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: SW-45****Lab Sample ID: 890-6969-47****Date Collected: 08/01/24 11:33****Matrix: Solid****Date Received: 08/02/24 09:53**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 14:20	CH	EET MID

**Client Sample ID: SW-46****Lab Sample ID: 890-6969-48****Date Collected: 08/01/24 11:36****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 21:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 16:42	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 14:26	CH	EET MID

**Client Sample ID: SW-47****Lab Sample ID: 890-6969-49****Date Collected: 08/01/24 11:09****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 21:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 17:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 17:00	TKC	EET MID
Soluble	Leach	DI Leach			5.1 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 14:31	CH	EET MID

**Client Sample ID: SW-48****Lab Sample ID: 890-6969-50****Date Collected: 08/01/24 11:12****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 22:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 22:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 17:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87420	08/02/24 16:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87517	08/05/24 17:19	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 14:36	CH	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: SW-49****Lab Sample ID: 890-6969-61****Date Collected: 08/01/24 11:48****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/03/24 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/03/24 23:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 13:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87417	08/02/24 16:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87519	08/05/24 13:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 14:41	CH	EET MID

**Client Sample ID: SW-50****Lab Sample ID: 890-6969-62****Date Collected: 08/01/24 11:51****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/04/24 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 14:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87417	08/02/24 16:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87519	08/05/24 14:52	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 14:57	CH	EET MID

**Client Sample ID: SW-51****Lab Sample ID: 890-6969-63****Date Collected: 08/01/24 11:57****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/04/24 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	87417	08/02/24 16:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87519	08/05/24 15:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 15:02	CH	EET MID

**Client Sample ID: SW-52****Lab Sample ID: 890-6969-64****Date Collected: 08/01/24 12:00****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/04/24 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 00:50	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

**Client Sample ID: SW-52****Lab Sample ID: 890-6969-64****Date Collected: 08/01/24 12:00****Matrix: Solid****Date Received: 08/02/24 09:53**

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			87613	08/05/24 15:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87417	08/02/24 16:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87519	08/05/24 15:29	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 15:18	CH	EET MID

**Client Sample ID: SW-53****Lab Sample ID: 890-6969-65****Date Collected: 08/01/24 12:00****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/04/24 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 15:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	87417	08/02/24 16:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87519	08/05/24 15:47	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 15:23	CH	EET MID

**Client Sample ID: SW-54****Lab Sample ID: 890-6969-66****Date Collected: 08/01/24 12:00****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/04/24 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	87417	08/02/24 16:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87519	08/05/24 16:05	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 15:29	CH	EET MID

**Client Sample ID: SW-55****Lab Sample ID: 890-6969-67****Date Collected: 08/01/24 12:00****Matrix: Solid****Date Received: 08/02/24 09:53**

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	87463	08/03/24 08:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87440	08/04/24 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87497	08/04/24 01:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			87613	08/05/24 16:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	87417	08/02/24 16:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87519	08/05/24 16:24	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Client Sample ID: SW-55  
Date Collected: 08/01/24 12:00  
Date Received: 08/02/24 09:53

Lab Sample ID: 890-6969-67  
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			4.99 g	50 mL	87466	08/05/24 08:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87473	08/05/24 15:34	CH	EET MID

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

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Accreditation/Certification Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy 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	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX



Method Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy 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: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-6969-1	CS-4	Solid	08/01/24 09:09	08/02/24 09:53
890-6969-2	CS-6	Solid	08/01/24 09:12	08/02/24 09:53
890-6969-3	CS-9	Solid	08/01/24 09:15	08/02/24 09:53
890-6969-4	CS-10	Solid	08/01/24 09:18	08/02/24 09:53
890-6969-5	CS-11	Solid	08/01/24 09:21	08/02/24 09:53
890-6969-6	CS-12	Solid	08/01/24 09:24	08/02/24 09:53
890-6969-7	CS-13	Solid	08/01/24 09:27	08/02/24 09:53
890-6969-8	CS-25	Solid	08/01/24 09:30	08/02/24 09:53
890-6969-9	CS-29	Solid	08/01/24 09:33	08/02/24 09:53
890-6969-10	CS-31	Solid	08/01/24 09:36	08/02/24 09:53
890-6969-11	CS-32	Solid	08/01/24 09:39	08/02/24 09:53
890-6969-12	CS-34	Solid	08/01/24 09:42	08/02/24 09:53
890-6969-13	CS-35	Solid	08/01/24 09:45	08/02/24 09:53
890-6969-14	CS-37	Solid	08/01/24 09:51	08/02/24 09:53
890-6969-15	CS-38	Solid	08/01/24 09:54	08/02/24 09:53
890-6969-16	CS-41	Solid	08/01/24 09:57	08/02/24 09:53
890-6969-17	CS-43	Solid	08/01/24 10:00	08/02/24 09:53
890-6969-18	CS-44	Solid	08/01/24 10:02	08/02/24 09:53
890-6969-19	CS-56	Solid	08/01/24 10:03	08/02/24 09:53
890-6969-20	CS-57	Solid	08/01/24 10:06	08/02/24 09:53
890-6969-21	CS-58	Solid	08/01/24 10:09	08/02/24 09:53
890-6969-22	CS-59	Solid	08/01/24 10:12	08/02/24 09:53
890-6969-23	CS-80	Solid	08/01/24 10:15	08/02/24 09:53
890-6969-24	CS-81	Solid	08/01/24 10:18	08/02/24 09:53
890-6969-25	CS-83	Solid	08/01/24 10:21	08/02/24 09:53
890-6969-26	CS-84	Solid	08/01/24 10:24	08/02/24 09:53
890-6969-27	CS-88	Solid	08/01/24 10:27	08/02/24 09:53
890-6969-28	CS-89	Solid	08/01/24 10:30	08/02/24 09:53
890-6969-29	CS-102	Solid	08/01/24 10:33	08/02/24 09:53
890-6969-30	CS-103	Solid	08/01/24 10:36	08/02/24 09:53
890-6969-31	CS-104	Solid	08/01/24 10:38	08/02/24 09:53
890-6969-32	CS-113	Solid	08/01/24 10:42	08/02/24 09:53
890-6969-33	CS-114	Solid	08/01/24 10:48	08/02/24 09:53
890-6969-34	CS-115	Solid	08/01/24 10:51	08/02/24 09:53
890-6969-35	CS-116	Solid	08/01/24 10:57	08/02/24 09:53
890-6969-36	CS-117	Solid	08/01/24 11:00	08/02/24 09:53
890-6969-37	CS-118	Solid	08/01/24 11:03	08/02/24 09:53
890-6969-38	SW-9A	Solid	08/01/24 11:06	08/02/24 09:53
890-6969-39	SW-10A	Solid	08/01/24 11:09	08/02/24 09:53
890-6969-40	SW-13A	Solid	08/01/24 11:15	08/02/24 09:53
890-6969-41	SW-14A	Solid	08/01/24 11:18	08/02/24 09:53
890-6969-42	SW-20A	Solid	08/01/24 11:21	08/02/24 09:53
890-6969-43	SW-22A	Solid	08/01/24 11:21	08/02/24 09:53
890-6969-44	SW-42	Solid	08/01/24 11:24	08/02/24 09:53
890-6969-45	SW-43	Solid	08/01/24 11:27	08/02/24 09:53
890-6969-46	SW-44	Solid	08/01/24 11:30	08/02/24 09:53
890-6969-47	SW-45	Solid	08/01/24 11:33	08/02/24 09:53
890-6969-48	SW-46	Solid	08/01/24 11:36	08/02/24 09:53
890-6969-49	SW-47	Solid	08/01/24 11:09	08/02/24 09:53
890-6969-50	SW-48	Solid	08/01/24 11:12	08/02/24 09:53
890-6969-61	SW-49	Solid	08/01/24 11:48	08/02/24 09:53
890-6969-62	SW-50	Solid	08/01/24 11:51	08/02/24 09:53
890-6969-63	SW-51	Solid	08/01/24 11:57	08/02/24 09:53
890-6969-64	SW-52	Solid	08/01/24 12:00	08/02/24 09:53

Sample Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 (SWD)

Job ID: 890-6969-1  
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-6969-65	SW-53	Solid	08/01/24 12:00	08/02/24 09:53
890-6969-66	SW-54	Solid	08/01/24 12:00	08/02/24 09:53
890-6969-67	SW-55	Solid	08/01/24 12:00	08/02/24 09:53

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## Chain of Custody



Work Order No: \_\_\_\_\_

Page 1 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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:	

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Burton Flat Deep Unit 44 (SWD)	Turn Around	Pres. Code								
Project Number:	237289	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush									
Project Location:	Eddy County	Due Date: 48 Hr									
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm									
PO #	21327490										
<b>SAMPLE RECEIPT</b>											
Received Intact:	Yes No	Temp Blank:	Yes No								
Cooler Custody Seals:	Yes No	Thermometer ID:									
Sample Custody Seals:	Yes No	Correction Factor:									
Total Containers:	57	Temperature Reading:									
		Corrected Temperature:									
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont				
CS-4		8/1/2024	9:09	X		Comp	1	X	X		
CS-6		8/1/2024	9:12	X		Comp	1	X	X		
CS-9		8/1/2024	9:15	X		Comp	1	X	X		
CS-10		8/1/2024	9:18	X		Comp	1	X	X		
CS-11		8/1/2024	9:21	X		Comp	1	X	X		
CS-12		8/1/2024	9:24	X		Comp	1	X	X		
CS-13		8/1/2024	9:27	X		Comp	1	X	X		
CS-25		8/1/2024	9:30	X		Comp	1	X	X		
CS-29		8/1/2024	9:33	X		Comp	1	X	X		
CS-31		8/1/2024	9:36	X		Comp	1	X	X		

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>[Signature]</i>	8/2/24 9:53			
3					
5					

Revised Date 05/12/2020 Rev. 2020 1

Chain of Custody

Work Order No: \_\_\_\_\_

Page 2 of 6



Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: <input type="checkbox"/> 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:	

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Burton Flat Deep Unit 44 (SWD)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code						None: NO	DI Water: H <sub>2</sub> O
Project Number:	237289	Due Date:	48 Hr							Cool: Cool	MeOH: Me
Project Location:	Eddy County	TAT starts the day received by the lab, if received by 4:30pm								HCL: HC	HNO <sub>3</sub> : HN
Sampler's Name:	Kenny Han									H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
PO #:	21327490									H <sub>3</sub> PO <sub>4</sub> : HP	
SAMPLE RECEIPT				Temp Blank:	Yes	No	Wet Ice:	Yes	No	NaHSO <sub>4</sub> : NABIS	
Received Intact:		Yes	No	Thermometer ID:						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Cooler Custody Seals:		Yes	No	Correction Factor:						Zn Acetate+NaOH: Zn	
Sample Custody Seals:		Yes	No	Temperature Reading:						NaOH+Ascorbic Acid: SAPC	
Total Containers:		57		Corrected Temperature:							
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont				Sample Comments
CS-32		8/1/2024	9:39	X		Comp	1	X	X		
CS-34		8/1/2024	9:42	X		Comp	1	X	X		
CS-35		8/1/2024	9:45	X		Comp	1	X	X		
CS-37		8/1/2024	9:48	X		Comp	1	X	X		
CS-38		8/1/2024	9:51	X		Comp	1	X	X		
CS-41		8/1/2024	9:54	X		Comp	1	X	X		
CS-43		8/1/2024	9:57	X		Comp	1	X	X		
CS-44		8/1/2024	10:00	X		Comp	1	X	X		
CS-56		8/1/2024	10:03	X		Comp	1	X	X		
CS-57		8/1/2024	10:06	X		Comp	1	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>Kenny Han</i>				
3. <i>[Signature]</i>					
5. <i>[Signature]</i>					

Revised Date 05/01/2020 Rev. 2020.1





## Chain of Custody



Work Order No: \_\_\_\_\_

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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:	

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Burton Flat Deep Unit 44 (SWD)	Turn Around	Pres. Code								
Project Number:	237289	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush									
Project Location	Eddy County	Due Date: 48 Hr									
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm									
PO #:	21327490										
<b>SAMPLE RECEIPT</b> Received Intact: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Temp Blank: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Thermometer ID: _____ Cooler Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Correction Factor: _____ Sample Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Temperature Reading: _____ Total Containers: 57 Corrected Temperature: _____											
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	
CS-58		8/1/2024	10:09	X		Comp	1	X	X		
CS-59		8/1/2024	10:12	X		Comp	1	X	X		
CS-80		8/1/2024	10:15	X		Comp	1	X	X		
CS-81		8/1/2024	10:18	X		Comp	1	X	X		
CS-83		8/1/2024	10:21	X		Comp	1	X	X		
CS-84		8/1/2024	10:24	X		Comp	1	X	X		
CS-88		8/1/2024	10:27	X		Comp	1	X	X		
CS-89		8/1/2024	10:30	X		Comp	1	X	X		
CS-102		8/1/2024	10:33	X		Comp	1	X	X		
CS-103		8/1/2024	10:36	X		Comp	1	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han			2. <i>alch</i>		
3. <i>[Signature]</i>			4. <i>[Signature]</i>		
5. <i>[Signature]</i>			6. <i>[Signature]</i>		

Revised Date 05/12/2020 Rev 2020.1

## Chain of Custody

Work Order No: \_\_\_\_\_

Page 4 of 6



Project Manager:	Ethan Sessums	Bill to: (if different)	Date	Woodall
Company Name:	NTG Environmental	Company Name:	Devon	
Address:	209 W McKay St	Address:		
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:		
Phone:	432-701-2159	Email:	esessums@ntglobal.com	

Work Order Comments	
Program: <input type="checkbox"/> 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:	

ANALYSIS REQUEST										Preservative Codes		
Project Name:	Burton Flat Deep Unit 44 (SWD)	Turn Around	Pres. Code							None: NO	DI Water: H <sub>2</sub> O	
Project Number:	237289	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush								Cool: Cool	MeOH: Me	
Project Location:	Eddy County	Due Date: 48 Hr								HCL: HC	HNO <sub>3</sub> : HN	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
PO #:	21327490									H <sub>3</sub> PO <sub>4</sub> : HP		
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes No	Wet Ice:	Yes No						NaHSO <sub>4</sub> : NABIS	
Received Intact:		Yes No		Thermometer ID:							Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Cooler Custody Seals:		Yes No	N/A	Correction Factor:							Zn Acetate+NaOH: Zn	
Sample Custody Seals:		Yes No	N/A	Temperature Reading:							NaOH+Ascorbic Acid: SAPC	
Total Containers:		57		Corrected Temperature:								
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Sample Comments		
CS-104		8/1/2024	10:39	X		Comp	1	BTEX 8021B		TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-113		8/1/2024	10:42	X		Comp	1	X		X	X	
CS-114		8/1/2024	10:45	X		Comp	1	X		X	X	
CS-115		8/1/2024	10:48	X		Comp	1	X		X	X	
CS-116		8/1/2024	10:51	X		Comp	1	X		X	X	
CS-117		8/1/2024	10:54	X		Comp	1	X		X	X	
CS-118		8/1/2024	10:57	X		Comp	1	X		X	X	
SW-9A		8/1/2024	11:00	X		Comp	1	X		X	X	
SW-10A		8/1/2024	11:03	X		Comp	1	X		X	X	
SW-13A		8/1/2024	11:06	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
1. Kenny Han			2. <i>ale</i>		
3. <i>[Signature]</i>			4. <i>[Signature]</i>		
5. <i>[Signature]</i>			6. <i>[Signature]</i>		

Revised Date 05012020 Rev. 2020.1



## Chain of Custody

Work Order No: \_\_\_\_\_

Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date	Woodall
Company Name:	NTG Environmental	Company Name:	Devon	
Address:	209 W McKay St	Address:		
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:		
Phone:	432-701-2159	Email:	esessums@ntglobal.com	

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:	

ANALYSIS REQUEST										Preservative Codes		
Project Name:	Burton Flat Deep Unit 44 (SWD)	Turn Around	Pres. Code							None: NO	DI Water: H <sub>2</sub> O	
Project Number:	237289	<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush								Cool: Cool	MeOH: Me	
Project Location	Eddy County	Due Date: 48 Hr								HCL: HC	HNO <sub>3</sub> : HN	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
PO #	21327490	Yes No	Yes No							H <sub>3</sub> PO <sub>4</sub> : HP		
SAMPLE RECEIPT			Temp Blank:	Yes No	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:				
Received Intact:	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No				
Cooler Custody Seals:	Yes No	N/A	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No				
Sample Custody Seals:	Yes No	N/A	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No				
Total Containers:	57											
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont					Sample Comments
SW-14A		8/1/2024	11:09	X		Comp	1	X	X	X		
SW-20A		8/1/2024	11:12	X		Comp	1	X	X	X		
SW-22A		8/1/2024	11:15	X		Comp	1	X	X	X		
SW-42		8/1/2024	11:18	X		Comp	1	X	X	X		
SW-43		8/1/2024	11:21	X		Comp	1	X	X	X		
SW-44		8/1/2024	11:24	X		Comp	1	X	X	X		
SW-45		8/1/2024	11:27	X		Comp	1	X	X	X		
SW-46		8/1/2024	11:30	X		Comp	1	X	X	X		
SW-47		8/1/2024	11:33	X		Comp	1	X	X	X		
SW-48		8/1/2024	11:36	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
1. Kenny Han					
3. <i>[Signature]</i>					
5. <i>[Signature]</i>					

Revised Date 05/10/2020 Rev 2020.1

## Chain of Custody

**Work Order No:**

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	essesums@ntglobal.com

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:	

[illegible]

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1.	Kenny Han			2		
3	[Signature]			4		
				6		

Received Date 05/01/2020 Rev. 2020.1

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6969-1

SDG Number: Eddy County

Login Number: 6969

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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



## Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6969-1

SDG Number: Eddy County

Login Number: 6969

List Number: 2

Creator: Vasquez, Julisa

List Source: Eurofins Midland

List Creation: 08/05/24 08:12 AM

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



Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Ethan Sessums  
NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706  
Generated 8/8/2024 9:50:34 AM

## JOB DESCRIPTION

Burton Flat Deep Unit 44 SWD  
Eddy County

## JOB NUMBER

890-6971-1

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad NM 88220



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



Generated  
8/8/2024 9:50:34 AM

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

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Laboratory Job ID: 890-6971-1  
SDG: Eddy County

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Definitions/Glossary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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



**Case Narrative**

Client: NT Global  
Project: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1

**Job ID: 890-6971-1****Eurofins Carlsbad**

**Job Narrative**  
**890-6971-1**

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

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

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

**Receipt**

The samples were received on 8/2/2024 9:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.0°C.

**Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: DS-6 (890-6971-1), DS-6 (890-6971-2), DS-7 (890-6971-3) and DS-7 (890-6971-4).

**GC VOA**

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

**Diesel Range Organics**

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: (890-6971-A-1-B MS) and (890-6971-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-87401 and analytical batch 880-87619 was outside the upper control limits.

Method 8015MOD\_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: DS-6 (890-6971-2), DS-7 (890-6971-3) and DS-7 (890-6971-4). Percent recoveries are based on the amount spiked.

Method 8015MOD\_NM: The continuing calibration verification (CCV) associated with batch 880-87619 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-87619/21).

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

**HPLC/IC**

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-87552 and analytical batch 880-87626 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Client Sample ID: DS-6

Lab Sample ID: 890-6971-1

Date Collected: 08/01/24 09:00

Matrix: Solid

Date Received: 08/02/24 09:54

Sample Depth: 2-2.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/05/24 09:23	08/05/24 18:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/24 09:23	08/05/24 18:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/24 09:23	08/05/24 18:18	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/05/24 09:23	08/05/24 18:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/24 09:23	08/05/24 18:18	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/05/24 09:23	08/05/24 18:18	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	108		70 - 130				08/05/24 09:23	08/05/24 18:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/05/24 09:23	08/05/24 18:18	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			08/05/24 18:18	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			08/06/24 11:27	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		08/02/24 15:06	08/06/24 11:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 15:06	08/06/24 11:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 15:06	08/06/24 11:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane	121		70 - 130				08/02/24 15:06	08/06/24 11:27	1
o-Terphenyl	119		70 - 130				08/02/24 15:06	08/06/24 11:27	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	909		25.0		mg/Kg			08/07/24 17:38	5

Client Sample ID: DS-6

Lab Sample ID: 890-6971-2

Date Collected: 08/01/24 09:02

Matrix: Solid

Date Received: 08/02/24 09:54

Sample Depth: 3-3.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/24 09:23	08/05/24 18:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/24 09:23	08/05/24 18:38	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	109		70 - 130				08/05/24 09:23	08/05/24 18:38	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

## Client Sample ID: DS-6

## Lab Sample ID: 890-6971-2

Date Collected: 08/01/24 09:02

Matrix: Solid

Date Received: 08/02/24 09:54

Sample Depth: 3-3.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	08/05/24 09:23	08/05/24 18:38	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			08/05/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/06/24 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/02/24 15:06	08/06/24 14:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 15:06	08/06/24 14:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 15:06	08/06/24 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				08/02/24 15:06	08/06/24 14:12	1
o-Terphenyl	145	S1+	70 - 130				08/02/24 15:06	08/06/24 14:12	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		4.98		mg/Kg			08/07/24 17:44	1

## Client Sample ID: DS-7

## Lab Sample ID: 890-6971-3

Date Collected: 08/01/24 09:04

Matrix: Solid

Date Received: 08/02/24 09:54

Sample Depth: 5-5.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 09:23	08/05/24 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 18:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 09:23	08/05/24 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/05/24 09:23	08/05/24 18:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/05/24 09:23	08/05/24 18:59	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/05/24 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/06/24 14:30	1

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## Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

## Client Sample ID: DS-7

## Lab Sample ID: 890-6971-3

Date Collected: 08/01/24 09:04

Matrix: Solid

Date Received: 08/02/24 09:54

Sample Depth: 5-5.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/02/24 15:06	08/06/24 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/02/24 15:06	08/06/24 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/02/24 15:06	08/06/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	169	S1+	70 - 130				08/02/24 15:06	08/06/24 14:30	1
o-Terphenyl	165	S1+	70 - 130				08/02/24 15:06	08/06/24 14:30	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	720		5.02		mg/Kg			08/07/24 17:51	1

## Client Sample ID: DS-7

## Lab Sample ID: 890-6971-4

Date Collected: 08/01/24 09:06

Matrix: Solid

Date Received: 08/02/24 09:54

Sample Depth: 6-6.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/05/24 09:23	08/05/24 19:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/24 09:23	08/05/24 19:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/24 09:23	08/05/24 19:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/24 09:23	08/05/24 19:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/24 09:23	08/05/24 19:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/24 09:23	08/05/24 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/05/24 09:23	08/05/24 19:19	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/05/24 09:23	08/05/24 19:19	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			08/05/24 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/06/24 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/02/24 15:06	08/06/24 14:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/02/24 15:06	08/06/24 14:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/02/24 15:06	08/06/24 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	294	S1+	70 - 130				08/02/24 15:06	08/06/24 14:48	1
o-Terphenyl	288	S1+	70 - 130				08/02/24 15:06	08/06/24 14:48	1

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Client Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Client Sample ID: DS-7  
Date Collected: 08/01/24 09:06  
Date Received: 08/02/24 09:54  
Sample Depth: 6-6.5

Lab Sample ID: 890-6971-4  
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		5.05		mg/Kg			08/07/24 17:57	1



Surrogate Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)  
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-46842-A-1-A MS	Matrix Spike	107	100
880-46842-A-1-B MSD	Matrix Spike Duplicate	104	100
890-6971-1	DS-6	108	97
890-6971-2	DS-6	109	98
890-6971-3	DS-7	108	97
890-6971-4	DS-7	106	98
LCS 880-87470/1-A	Lab Control Sample	106	101
LCSD 880-87470/2-A	Lab Control Sample Dup	103	98
MB 880-87470/5-A	Method Blank	107	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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-6971-1	DS-6	121	119
890-6971-1 MS	DS-6	135 S1+	143 S1+
890-6971-1 MSD	DS-6	134 S1+	142 S1+
890-6971-2	DS-6	148 S1+	145 S1+
890-6971-3	DS-7	169 S1+	165 S1+
890-6971-4	DS-7	294 S1+	288 S1+
LCS 880-87401/2-A	Lab Control Sample	115	128
LCSD 880-87401/3-A	Lab Control Sample Dup	109	120
MB 880-87401/1-A	Method Blank	138 S1+	140 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

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

Lab Sample ID: MB 880-87470/5-A

Matrix: Solid

Analysis Batch: 87457

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 87470

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 11:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/24 09:23	08/05/24 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/24 09:23	08/05/24 11:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/24 09:23	08/05/24 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/05/24 09:23	08/05/24 11:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/05/24 09:23	08/05/24 11:34	1

Lab Sample ID: LCS 880-87470/1-A

Matrix: Solid

Analysis Batch: 87457

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 87470

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1067		mg/Kg		107	70 - 130
Toluene	0.100	0.09724		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2126		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-87470/2-A

Matrix: Solid

Analysis Batch: 87457

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 87470

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1046		mg/Kg		105	70 - 130	2	35
Toluene	0.100	0.09521		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.100	0.09822		mg/Kg		98	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2056		mg/Kg		103	70 - 130	3	35
o-Xylene	0.100	0.1022		mg/Kg		102	70 - 130	3	35

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

Lab Sample ID: 880-46842-A-1-A MS

Matrix: Solid

Analysis Batch: 87457

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 87470

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1071		mg/Kg		107	70 - 130
Toluene	<0.00202	U	0.100	0.09569		mg/Kg		96	70 - 130

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QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

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

Lab Sample ID: 880-46842-A-1-A MS  
Matrix: Solid  
Analysis Batch: 87457

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 87470

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.09860		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2065		mg/Kg		103	70 - 130
o-Xylene	<0.00202	U	0.100	0.1026		mg/Kg		103	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	107		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 880-46842-A-1-B MSD  
Matrix: Solid  
Analysis Batch: 87457

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 87470

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.1095		mg/Kg		109	70 - 130	2	35
Toluene	<0.00202	U	0.100	0.09789		mg/Kg		98	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.09892		mg/Kg		99	70 - 130	0	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.2049		mg/Kg		102	70 - 130	1	35
o-Xylene	<0.00202	U	0.100	0.1013		mg/Kg		101	70 - 130	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

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

Lab Sample ID: MB 880-87401/1-A  
Matrix: Solid  
Analysis Batch: 87619

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 87401

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		08/02/24 15:06	08/06/24 08:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/02/24 15:06	08/06/24 08:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/02/24 15:06	08/06/24 08:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	138	S1+	70 - 130						
o-Terphenyl	140	S1+	70 - 130						

Lab Sample ID: LCS 880-87401/2-A  
Matrix: Solid  
Analysis Batch: 87619

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 87401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1095		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1179		mg/Kg		118	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

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

Lab Sample ID: LCS 880-87401/2-A  
Matrix: Solid  
Analysis Batch: 87619

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 87401

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: LCSD 880-87401/3-A  
Matrix: Solid  
Analysis Batch: 87619

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 87401

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1055		mg/Kg		105	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1122		mg/Kg		112	70 - 130	5	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	109										
o-Terphenyl	120										

Lab Sample ID: 890-6971-1 MS  
Matrix: Solid  
Analysis Batch: 87619

Client Sample ID: DS-6  
Prep Type: Total/NA  
Prep Batch: 87401

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	984.1		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1151		mg/Kg		115	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	135	S1+									
o-Terphenyl	143	S1+									

Lab Sample ID: 890-6971-1 MSD  
Matrix: Solid  
Analysis Batch: 87619

Client Sample ID: DS-6  
Prep Type: Total/NA  
Prep Batch: 87401

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	965.4		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1147		mg/Kg		115	70 - 130	0	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	134	S1+									
o-Terphenyl	142	S1+									

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QC Sample Results

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-87552/1-A Matrix: Solid Analysis Batch: 87626										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			08/07/24 15:14	1		

Lab Sample ID: LCS 880-87552/2-A Matrix: Solid Analysis Batch: 87626										Client Sample ID: Lab Control Sample Prep Type: Soluble	
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.5		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-87552/3-A Matrix: Solid Analysis Batch: 87626										Client Sample ID: Lab Control Sample Dup Prep Type: Soluble	
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-6970-A-231-D MS Matrix: Solid Analysis Batch: 87626										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	27.3	F1	252	243.0	F1	mg/Kg		86	90 - 110		

Lab Sample ID: 890-6970-A-231-E MSD Matrix: Solid Analysis Batch: 87626										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	27.3	F1	252	243.1	F1	mg/Kg		86	90 - 110	0	20



QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

GC VOA

Analysis Batch: 87457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Total/NA	Solid	8021B	87470
890-6971-2	DS-6	Total/NA	Solid	8021B	87470
890-6971-3	DS-7	Total/NA	Solid	8021B	87470
890-6971-4	DS-7	Total/NA	Solid	8021B	87470
MB 880-87470/5-A	Method Blank	Total/NA	Solid	8021B	87470
LCS 880-87470/1-A	Lab Control Sample	Total/NA	Solid	8021B	87470
LCSD 880-87470/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	87470
880-46842-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	87470
880-46842-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	87470

Prep Batch: 87470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Total/NA	Solid	5035	
890-6971-2	DS-6	Total/NA	Solid	5035	
890-6971-3	DS-7	Total/NA	Solid	5035	
890-6971-4	DS-7	Total/NA	Solid	5035	
MB 880-87470/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-87470/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-87470/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-46842-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-46842-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 87645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Total/NA	Solid	Total BTEX	
890-6971-2	DS-6	Total/NA	Solid	Total BTEX	
890-6971-3	DS-7	Total/NA	Solid	Total BTEX	
890-6971-4	DS-7	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 87401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Total/NA	Solid	8015NM Prep	
890-6971-2	DS-6	Total/NA	Solid	8015NM Prep	
890-6971-3	DS-7	Total/NA	Solid	8015NM Prep	
890-6971-4	DS-7	Total/NA	Solid	8015NM Prep	
MB 880-87401/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-87401/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-87401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6971-1 MS	DS-6	Total/NA	Solid	8015NM Prep	
890-6971-1 MSD	DS-6	Total/NA	Solid	8015NM Prep	

Analysis Batch: 87619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Total/NA	Solid	8015B NM	87401
890-6971-2	DS-6	Total/NA	Solid	8015B NM	87401
890-6971-3	DS-7	Total/NA	Solid	8015B NM	87401
890-6971-4	DS-7	Total/NA	Solid	8015B NM	87401
MB 880-87401/1-A	Method Blank	Total/NA	Solid	8015B NM	87401
LCS 880-87401/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	87401

Eurofins Carlsbad

## QC Association Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

## GC Semi VOA (Continued)

## Analysis Batch: 87619 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-87401/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	87401
890-6971-1 MS	DS-6	Total/NA	Solid	8015B NM	87401
890-6971-1 MSD	DS-6	Total/NA	Solid	8015B NM	87401

## Analysis Batch: 87659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Total/NA	Solid	8015 NM	
890-6971-2	DS-6	Total/NA	Solid	8015 NM	
890-6971-3	DS-7	Total/NA	Solid	8015 NM	
890-6971-4	DS-7	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 87552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Soluble	Solid	DI Leach	
890-6971-2	DS-6	Soluble	Solid	DI Leach	
890-6971-3	DS-7	Soluble	Solid	DI Leach	
890-6971-4	DS-7	Soluble	Solid	DI Leach	
MB 880-87552/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-87552/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-87552/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6970-A-231-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-6970-A-231-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 87626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6971-1	DS-6	Soluble	Solid	300.0	87552
890-6971-2	DS-6	Soluble	Solid	300.0	87552
890-6971-3	DS-7	Soluble	Solid	300.0	87552
890-6971-4	DS-7	Soluble	Solid	300.0	87552
MB 880-87552/1-A	Method Blank	Soluble	Solid	300.0	87552
LCS 880-87552/2-A	Lab Control Sample	Soluble	Solid	300.0	87552
LCSD 880-87552/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	87552
890-6970-A-231-D MS	Matrix Spike	Soluble	Solid	300.0	87552
890-6970-A-231-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	87552

Eurofins Carlsbad

Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Client Sample ID: DS-6  
Date Collected: 08/01/24 09:00  
Date Received: 08/02/24 09:54

Lab Sample ID: 890-6971-1  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	87470	08/05/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87457	08/05/24 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87645	08/05/24 18:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			87659	08/06/24 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87401	08/02/24 15:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87619	08/06/24 11:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	87552	08/05/24 14:05	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	87626	08/07/24 17:38	CH	EET MID

Client Sample ID: DS-6  
Date Collected: 08/01/24 09:02  
Date Received: 08/02/24 09:54

Lab Sample ID: 890-6971-2  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	87470	08/05/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87457	08/05/24 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87645	08/05/24 18:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			87659	08/06/24 14:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	87401	08/02/24 15:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87619	08/06/24 14:12	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	87552	08/05/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87626	08/07/24 17:44	CH	EET MID

Client Sample ID: DS-7  
Date Collected: 08/01/24 09:04  
Date Received: 08/02/24 09:54

Lab Sample ID: 890-6971-3  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	87470	08/05/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87457	08/05/24 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87645	08/05/24 18:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			87659	08/06/24 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	87401	08/02/24 15:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87619	08/06/24 14:30	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	87552	08/05/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87626	08/07/24 17:51	CH	EET MID

Client Sample ID: DS-7  
Date Collected: 08/01/24 09:06  
Date Received: 08/02/24 09:54

Lab Sample ID: 890-6971-4  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	87470	08/05/24 09:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	87457	08/05/24 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			87645	08/05/24 19:19	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Client Sample ID: DS-7

Date Collected: 08/01/24 09:06

Date Received: 08/02/24 09:54

Lab Sample ID: 890-6971-4

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			87659	08/06/24 14:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	87401	08/02/24 15:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	87619	08/06/24 14:48	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	87552	08/05/24 14:05	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	87626	08/07/24 17:57	CH	EET MID

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

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Accreditation/Certification Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy 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	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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14



Method Summary

Client: NT Global  
Project/Site: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy 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: Burton Flat Deep Unit 44 SWD

Job ID: 890-6971-1  
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-6971-1	DS-6	Solid	08/01/24 09:00	08/02/24 09:54	2-2.5
890-6971-2	DS-6	Solid	08/01/24 09:02	08/02/24 09:54	3-3.5
890-6971-3	DS-7	Solid	08/01/24 09:04	08/02/24 09:54	5-5.5
890-6971-4	DS-7	Solid	08/01/24 09:06	08/02/24 09:54	6-6.5

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- 14



Chain of Custody

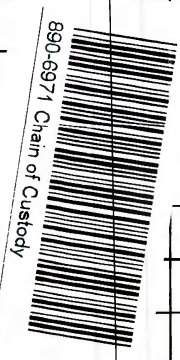
Work Order No: \_\_\_\_\_

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: USTRPST <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:	Burton Flat Deep Unit 44 (SWD)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST		Preservative Codes
Project Number:	237289	Due Date:						None: NO DI Water: H <sub>2</sub> O
Project Location:	Eddy County	TAT starts the day received by the lab, if received by 4:30pm						Cool: Cool MeOH: Me
Sampler's Name:	Kenny Han	Well Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					HCL: HCl HNO <sub>3</sub> : HN
PO #:	21327490	Thermometer ID:	TM007					H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
SAMPLE RECEIPT		Temp Blank:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	-6.2					NaHSO <sub>4</sub> : NABIS
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	-2.2					Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:	-2.0					Zn Acetate+NaOH: Zn
Total Containers:	4							NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
DS-6	2-2.5	8/1/2024	9:00	X		Grab	1	X X X
DS-6	3-3.5	8/1/2024	9:02	X		Grab	1	X X X
DS-7	5-5.5	8/1/2024	9:04	X		Grab	1	X X X
DS-7	6-6.5	8/1/2024	9:06	X		Grab	1	X X X



HOLD

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han		8/12/24 9:54			
3			4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6971-1

SDG Number: Eddy County

Login Number: 6971

List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6971-1

SDG Number: Eddy County

Login Number: 6971

List Number: 2

Creator: Kramer, Jessica

List Source: Eurofins Midland

List Creation: 08/03/24 09:49 AM

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



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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 412480

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 412480
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2410758305
Incident Name	NAPP2410758305 BURTON FLAT DEEP UNIT 44 SWD @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2130153693] BURTON FLAT DEEP UNIT 44 SWD

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BURTON FLAT DEEP UNIT 44 SWD
Date Release Discovered	04/16/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 38 BBL   Recovered: 30 BBL   Lost: 8 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)	A 4" poly line was leaking water. Valves were shut on the line to isolate the leak. 30 bbls were recovered. 38.4 bbls of produced water were spilled onto the ground, not in a lined containment.

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 412480

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 412480
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 12/16/2024
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QUESTIONS, Page 3

Action 412480

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 412480
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	33600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/15/2024
On what date will (or did) the final sampling or liner inspection occur	08/15/2024
On what date will (or was) the remediation complete(d)	09/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	24361
What is the estimated volume (in cubic yards) that will be remediated	3576
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 412480

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 412480
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/05/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 412480

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 412480
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	"The deferral area is directly under or next to the on-pad facilities, power poles, electrical lines, and a fiberglass flowline."
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	4601
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	512
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	BURTON FLAT DEEP UNIT 44 SWD [fAPP2130153693]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 12/16/2024



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QUESTIONS, Page 6  
  
Action 412480

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 412480
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	368260
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/01/2024
What was the (estimated) number of samples that were to be gathered	70
What was the sampling surface area in square feet	14000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 412480

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 412480
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scwells	Deferral approved. Deferral of CS-1 through CS-3, CS-5, CS-26, CS- 30, CS-33, CS-36, CS-39, CS-40, CS-42, CS-45 through CS-55, CS-64, CS-65, CS-67, SW-12, SW-15 through SW-19, SW-25 through SW-28, DS-1, DS-6, and DS-7 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	12/23/2024