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July 23, 2025

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

**Re: Incident Closure Report
Devon Energy Production Company
Boundary Raider 6-7 Federal Com #212H
Unit C, Section 06, Township 23S, Range 32E
Site Coordinates: 32.339223, -103.715073
Lea County, New Mexico
Incident ID: nAPP2426430668**

Introduction

NTG Environmental, LLC (NTGE), on behalf of Devon Energy Production Company (Devon), submits this Incident Closure Report to the New Mexico Oil Conservation Division (NMOCD). This report provides documentation of initial soil delineation, sampling analysis, and remediation activities conducted to date in the affected areas at the Boundary Raider 6-7 Federal Com #212H (Site). The Site is in Unit Letter C, Section 06, of Township 23 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.339223° N Latitude and -103.715073° W Longitude. The Site location with respect to the nearest town is shown on Figure 1 and the topography of the area is shown on Figure 2.

Background

Based on the initial C-141 submitted by Devon and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on September 19, 2024. The release was the result of an equipment failure, resulting in the release of thirteen (13) barrels (bbls) of crude oil, of which five (5) bbls were recovered, for a net loss of eight (8) bbls. Upon discovery the well was shut-in, and the area was secure. The release area is shown on Figure 3.

Groundwater and Site Characterization

On February 25, 2025, H&R Enterprises, LLC (H&R) installed a temporary well (C-04936), on the west side of the pad, to determine the depth to groundwater. The well was left open for a minimum of 72 hours. On March 3, 2025, NTGE utilized a water probe to determine the

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presence or absence of groundwater. No groundwater was detected, and the temporary well was plugged and abandoned. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is attached to the report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	>55

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment Activities

On September 24, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Six (6) vertical sample points (V-1 through V-6) were installed within the release area, while ten (10) horizontal sample points (H-1 through H-10) were installed adjacent to the release area to characterize the impacts. Soil samples were collected at half foot (0.5) intervals from depths ranging from zero (0) to four and a half (4.5) feet (ft) below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox® and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (method SM4500Cl-B or EPA 300.0). Analytical results indicated BTEX, TPH, and/or chloride concentrations were above NMOCD Table I Closure Criteria in V-1, V-3, V-5, and V-6 from surface to half (0.5) a ft, V-2 from surface to four and a half (4.5) ft. Additionally, H-4 and H-8 exhibited concentrations of TPH and/or chloride above Table I Closure Criteria. All other horizontal sample analytes were below NMOCD standards.

On September 25, 2024, NTGE was on site to collect two horizontal samples, (H-4(7) and H-6(5)). Analytical results indicated that H-4(7) exhibited TPH concentrations above NMOCD standards.

On October 18, 2024, NTGE returned to the Site to continue with the vertical and horizontal delineation assessment of the release. A total of five (5) test pits (TP-1 to TP-5) were installed within the release area and samples were collected at one (1) ft intervals ranging from four (4) to nine (9) ft bgs utilizing mechanical equipment. Additionally, five (5) horizontal delineation samples (H-1A, H-3A, H-4A, H-5A, and H-8A) were collected adjacent to the release area to characterize the impacts. Analytical results indicated that all sample analytes were below NMOCD standards.

On December 20, 2024, NTGE returned to the Site to continue with the vertical delineation assessment of the release. A total of five (5) test pits (TP-5 to TP-9) were installed within the release area and samples were collected at half (0.5) ft intervals at depths ranging from surface (0) to ten and a half (10.5) ft bgs utilizing mechanical equipment. Furthermore, three (3) horizontal delineation samples (H-11 to H-13) were collected adjacent to the release area to characterize the impacts. Soil samples were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that all sample analytes were below NMOCD standards.

After evaluating the data from the site assessments, Devon decided to install a depth to groundwater determination well. The well was installed on February 25, 2025, by H&R to a depth of fifty-five (55) ft bgs and the well was determined to be dry after 72 hours of being left open.

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

Excavation, Waste Management, and Confirmation Sampling

Based on the Site assessment activities, Devon proceeded with the remedial action activities at the Site to include the excavation and disposal of impacted soils above NMOCD regulatory limits. The Site was excavated to depths ranging from one (1) to five (5) ft bgs. Upon completion of the excavation, confirmation samples were collected from the excavation's sidewalls and base. The confirmation samples were collected in accordance with the one sample per 200 square feet (sq ft) guideline established in the NMOCD regulatory criteria.

On April 29, 2025, a total of thirty (30) confirmation samples were collected. Twenty-two (22) confirmation samples (i.e., CS-1 – CS-22) were collected from the excavation's base as well as eight (8) confirmation samples (i.e., SW-1 – SW-8) from the excavation's sidewalls. Analytical results indicated that SW-2 exhibited TPH concentrations above Table I Closure Criteria. The remaining confirmation samples exhibited concentrations below Table I Closure Criteria.

On May 9, 2025, after further excavation activities, an additional two (2) confirmation samples were collected. One (1) confirmation sample (i.e., CS-23) was collected from the excavation's base as well as one (1) confirmation sample (i.e., SW-2A) from the excavation's sidewalls. Analytical results indicated that SW-2A exhibited TPH concentrations above Table I Closure Criteria.

On May 19, 2025, after further excavation activities, an additional two (2) confirmation samples were collected. One (1) confirmation sample (i.e., CS-24) was collected from the excavation's base as well as one (1) confirmation sample (i.e., SW-2B) from the excavation's sidewalls. Analytical results indicated that SW-2B exhibited TPH concentrations above Table I Closure Criteria.

On May 27, 2025, after further excavation activities, an additional two (2) confirmation samples were collected. Two (2) confirmation samples (i.e., SW-2C and SW-9) were collected from the excavation sidewalls. Analytical results of all the confirmation samples were below the NMOCD regulatory limits for all analytes.

The excavation extent, excavation depths, and confirmation sample locations are shown on Figure 4. A total of approximately 275 cubic yards (yd³) of impacted soil was excavated and transported to a permitted disposal facility. All soil samples were analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (EPA method 300.0/SM 4500Cl⁻B). Copies of laboratory analysis and chain-of-custody documentation are attached. The analytical results are summarized in Table 2.

Closure Request

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory requirements. Devon formally requests a closure for the Site (nAPP2426430668). If you have any questions regarding this report or need additional information, please contact us at (832) 374-0004.

Sincerely,
NTG Environmental


Kellan Smith
Project Manager

Attachments:

- Tables
- Figures
- Site Characterization Information
- Photographic Log
- Laboratory Reports

Tables

Table 1
Summary of Soil Analytical Data - Delineation Samples
Boundary Raider 6-7 Federal Com #212H
Devon Energy Production Company
Lea 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-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MR O (C6-C35)		
			Table I Closure Criteria for Soil 55<100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg		10,000 mg/kg
Vertical Delineation Samples														
V-1	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	12.9	1,340	1,352.9	259	1,611.9	2,720	
	9/24/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672	
	9/24/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
	9/24/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.4	18.4	<10.0	18.4	64.0	
V-2	9/24/2024	0-0.5	3.64	38.3	26.0	123	191	2,840	14,100	16,940	2,470	19,410	6,100	
	9/24/2024	1-1.5	<0.050	<0.050	0.086	0.589	0.675	25.2	439	464.2	88.5	552.7	2,280	
	9/24/2024	2-2.5	<0.050	0.495	0.842	5.26	6.59	192	2,090	2,282	389	2,671	2,120	
	9/24/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	58.6	58.6	<10.0	58.6	2,000	
V-3	9/24/2024	4-4.5	<0.050	0.121	0.245	1.65	2.01	58.9	1,100	1,158.9	200	1,359	2,200	
	9/24/2024	0-0.5	0.898	15.4	10.8	51.9	78.9	1,310	7,800	9,110	1,320	10,430	24,000	
	9/24/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	94.6	94.6	28.3	122.9	9,730	
	9/24/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21	21	<10.0	21	4,720	
V-4	9/24/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	235	235	46.8	281.8	4,000	
	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.6	23.6	<10.0	23.6	6,960	
	9/24/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,920	
	9/24/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,400	
V-5	9/24/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960	
	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	17,400	
	9/24/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	92.1	92.1	22.5	114.6	3,240	
	9/24/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	131	131	32.4	163.4	4,240	
V-6	9/24/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.9	17.9	<10.0	17.9	4,640	
	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	655	655	169	824	10,600	
	9/24/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	297	297	70.5	367.5	4,640	
	9/24/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.3	24.3	<10.0	24.3	1,860	
TP-1	10/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
	10/18/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0	
	10/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
TP-2	10/18/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	10/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	10/18/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	10/18/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
TP-3	10/18/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	10/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	141	141	31.7	172.7	96.0	
	10/18/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0	
	10/18/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	10/18/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
TP-4	10/18/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
	10/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496	
	10/18/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304	
	10/18/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	

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			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MR O (C6-C35)		
			Table I Closure Criteria for Soil 55<100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg		10,000 mg/kg
TP-5	10/18/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0	
	10/18/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416	
	10/18/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0	
	10/18/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
	10/18/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720	
	12/20/2024	9-9.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0	
	12/20/2024	10-10.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	
TP-6	12/20/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496	
	12/20/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0	
	12/20/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0	
	12/20/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
	12/20/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
TP-7	12/20/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	197	197	<10.0	197	3,040	
	12/20/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	137	137	<10.0	137	1,900	
	12/20/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0	
	12/20/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192	
	12/20/2024	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	
TP-8	12/20/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	591	591	<10.0	591	1,120	
	12/20/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.1	584	584	<10.1	584	1,090	
	12/20/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.2	25.9	25.9	<10.2	25.9	272	
	12/20/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
	12/20/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
TP-9	12/20/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608	
	12/20/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624	
	12/20/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208	
	12/20/2024	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	
	12/20/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
Horizontal Delineation Samples														
H-1	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	275	275	90.1	365.1	480	
H-1A	10/18/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
H-2	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.3	42.3	21.8	64.1	48.0	
H-3	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	185	185	65.1	250.1	128	
H-3A	10/18/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208	
H-4	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	54.3	54.3	<10.0	54.3	15,200	
H-4A	10/18/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	91.8	91.8	21.5	113.3	48.0	
H-4(7)	9/25/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,230	1,230	276	1,506	320	
H-5	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	221	221	76.9	297.9	256	
H-5A	10/18/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.2	17.2	<10.0	17.2	96.0	
H-6	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.5	26.5	<10.0	26.5	2,840	
H-6(5)	9/25/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.2	15.2	<10.0	15.2	176	
H-7	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0	

Table 1
Summary of Soil Analytical Data - Delineation Samples
Boundary Raider 6-7 Federal Com #212H
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 55<100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
H-8	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	3,910	3,910	2,470	6,380	192
H-8A	10/18/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
H-9	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.5	33.5	<10.0	33.5	368
H-10	9/24/2024	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
H-11	12/20/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-12	12/20/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-13	12/20/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Notes:

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

- 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

SP-1 Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Boundary Raider 6-7 Federal Com #212H
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg			
Base Confirmation Samples													
CS-1	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-2	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-3	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.4	44.4	15.1	59.5	16.0
CS-4	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.6	14.6	<10.0	14.6	32.0
CS-5	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-6	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.0	20.0	<10.0	20.0	32.0
CS-7	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.7	12.7	<10.0	12.7	64.0
CS-8	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-9	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.3	21.3	<10.0	21.3	48.0
CS-10	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-11	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-12	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.7	34.7	<10.0	34.7	1,360
CS-13	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	209	209	70.9	279.9	1,100
CS-14	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-15	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-16	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-17	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,650
CS-18	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-19	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-20	4/29/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	752
CS-21	4/29/2025	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-22	4/29/2025	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.0	19.0	<10.0	19.0	48.0
CS-23	5/9/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,380
CS-24	5/19/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Boundary Raider 6-7 Federal Com #212H
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Sidewall Confirmation Samples													
SW-1	4/29/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	79.6	79.6	17.7	97.3	32.0
SW-2	4/29/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	102	102	23.8	125.8	48.0
SW-2A	5/9/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	768	768	831	1599	304
SW-2B	5/19/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.5	14.5	<10.0	14.5	720
SW-2C	5/27/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-3	4/29/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-4	4/29/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-5	4/29/2025	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-6	4/29/2025	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-7	4/29/2025	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-8	4/29/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-9	5/27/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272

Notes:

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

- 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.

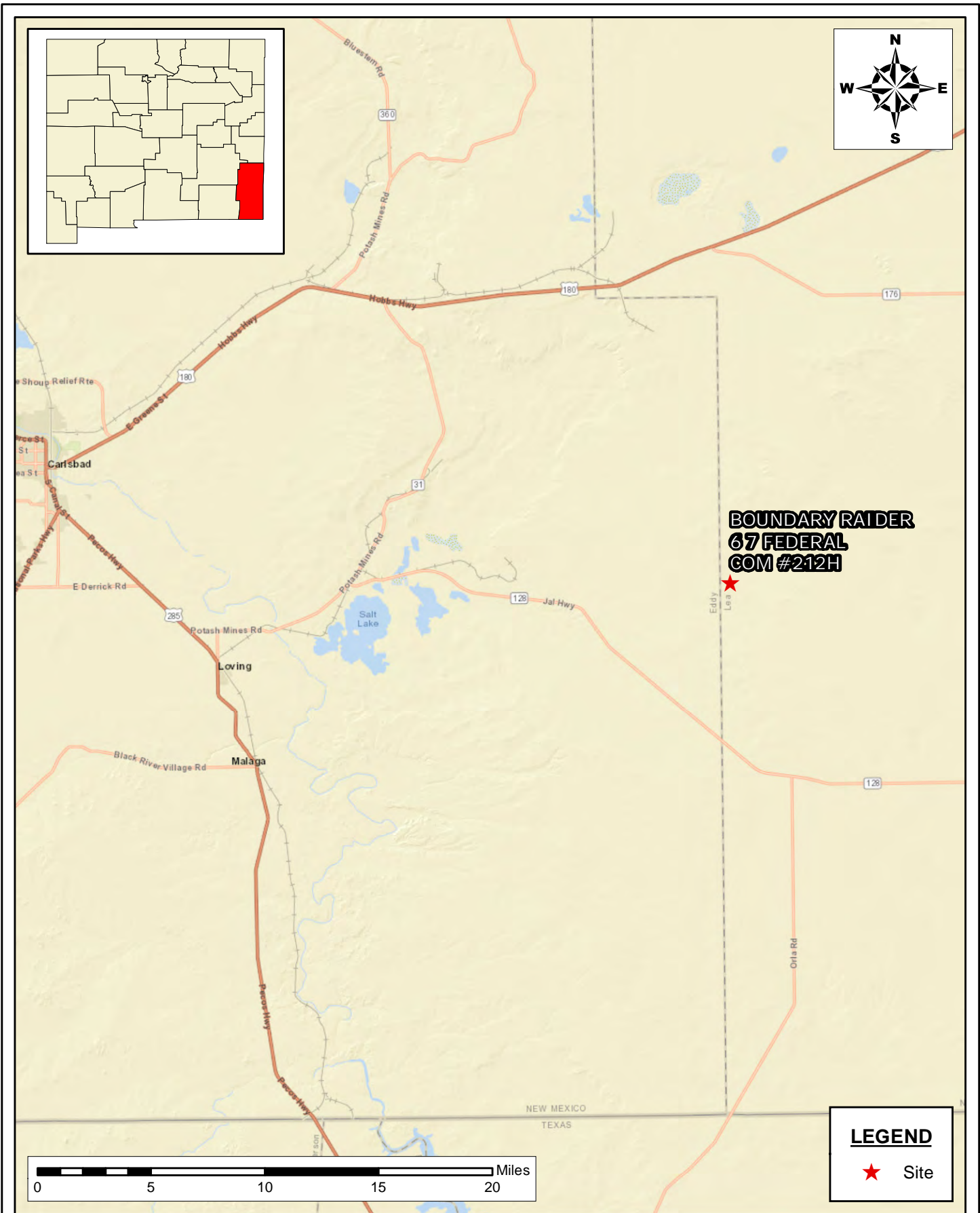
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

- Not Analyzed

SP-1 Sample Point Excavated

Figures

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\IRSC\249161 - (RSC) Boundary Raider 6-7 Fed Com 212H\7 - Figures\GIS\Figure_1_SL.mxd



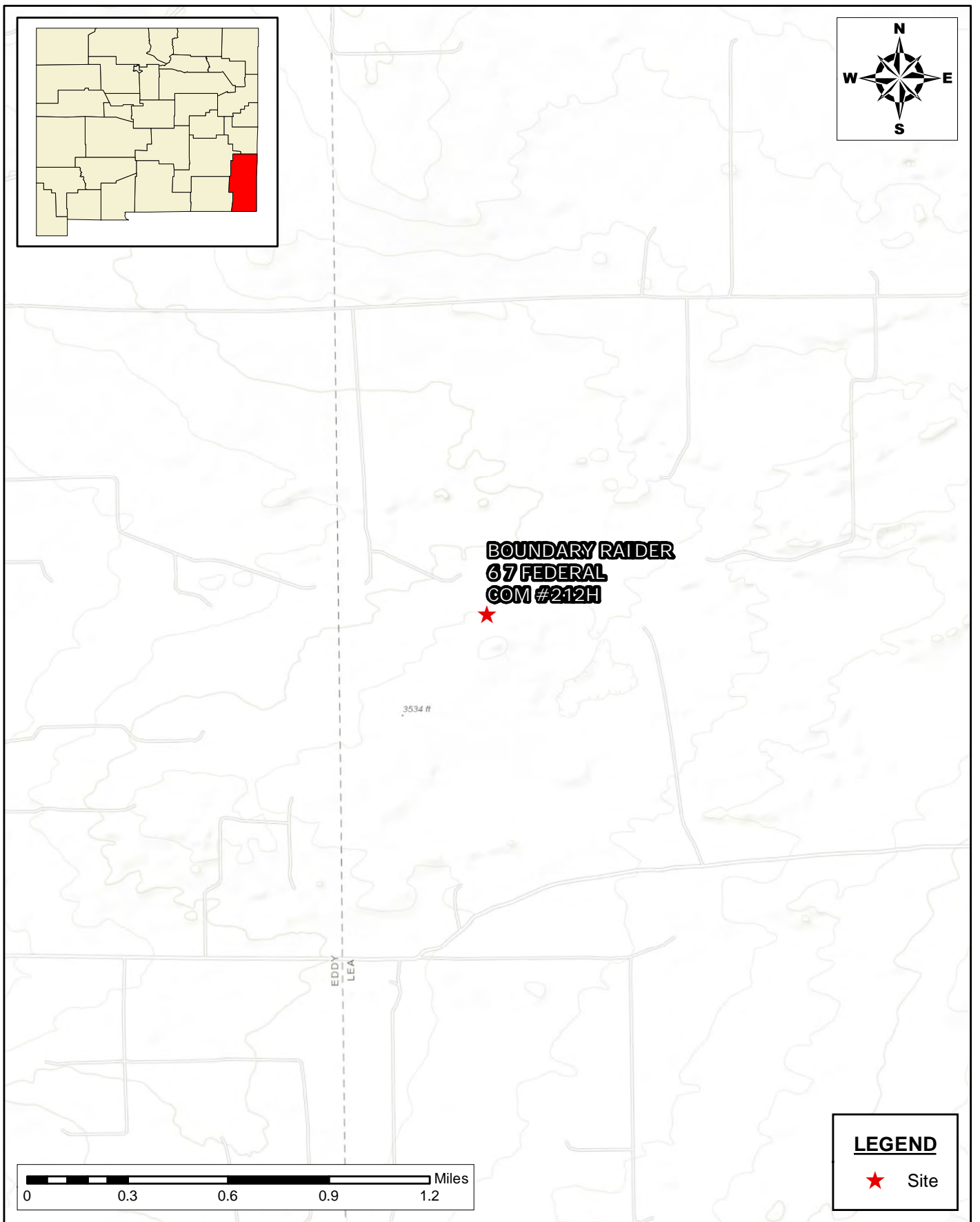
SITE LOCATION MAP INCIDENT CLOSURE REPORT DEVON ENERGY PRODUCTION COMPANY BOUNDARY RAIDER 6-7 FEDERAL COM #212H LEA COUNTY, NEW MEXICO		
SCALE: As Shown	Date: 1/7/2025	PROJECT #:249161

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

NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983
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DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1

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**TOPOGRAPHIC MAP
INCIDENT CLOSURE REPORT
DEVON ENERGY PRODUCTION COMPANY
BOUNDARY RAIDER 6-7 FEDERAL COM #212H
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 1/7/2025 PROJECT #:249161



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

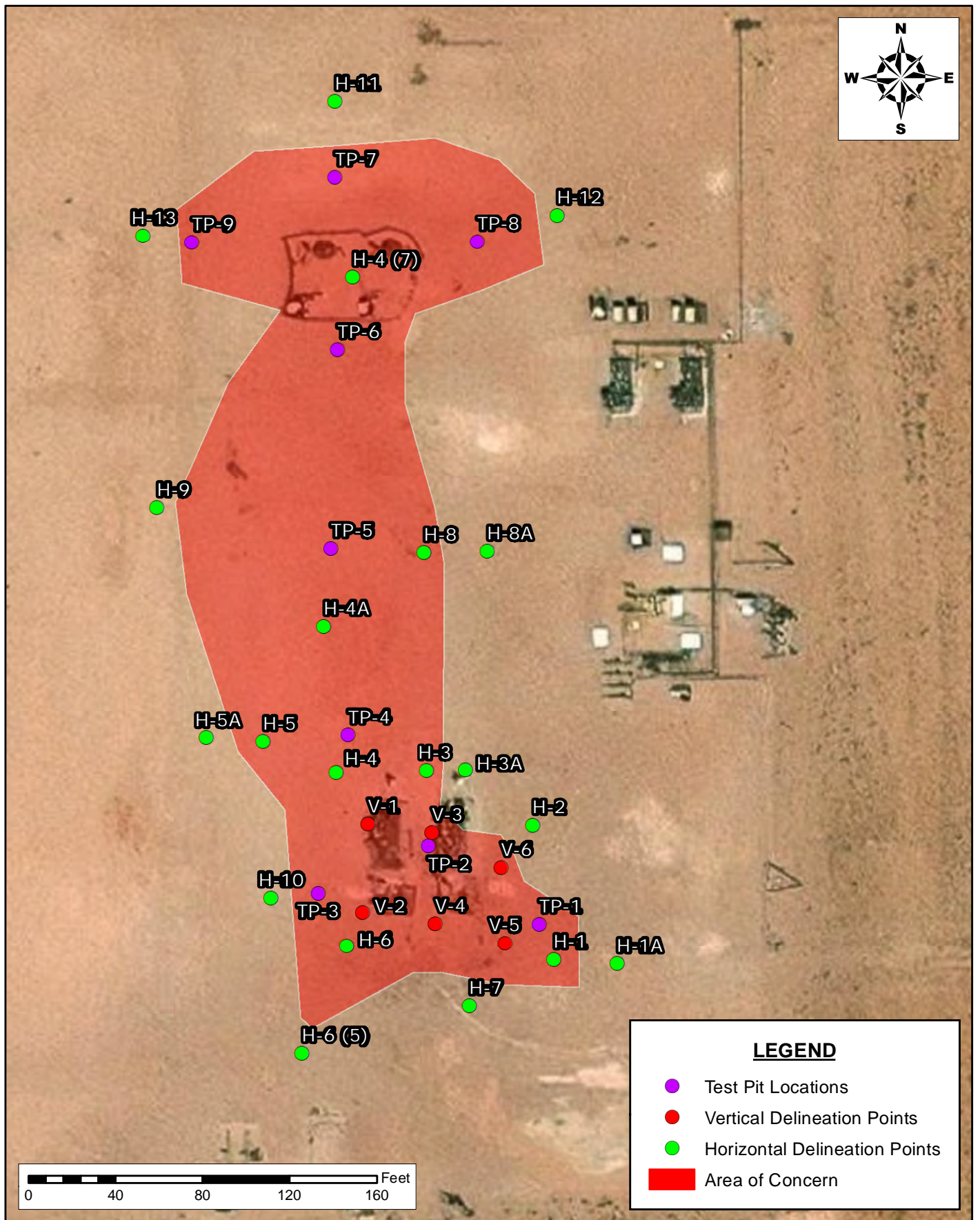
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

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**INITIAL ASSESSMENT MAP
INCIDENT CLOSURE REPORT
DEVON ENERGY PRODUCTION COMPANY
BOUNDARY RAIDER 6-7 FEDERAL COM #212H
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 1/7/2025 PROJECT #:249161

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



NOTES:

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

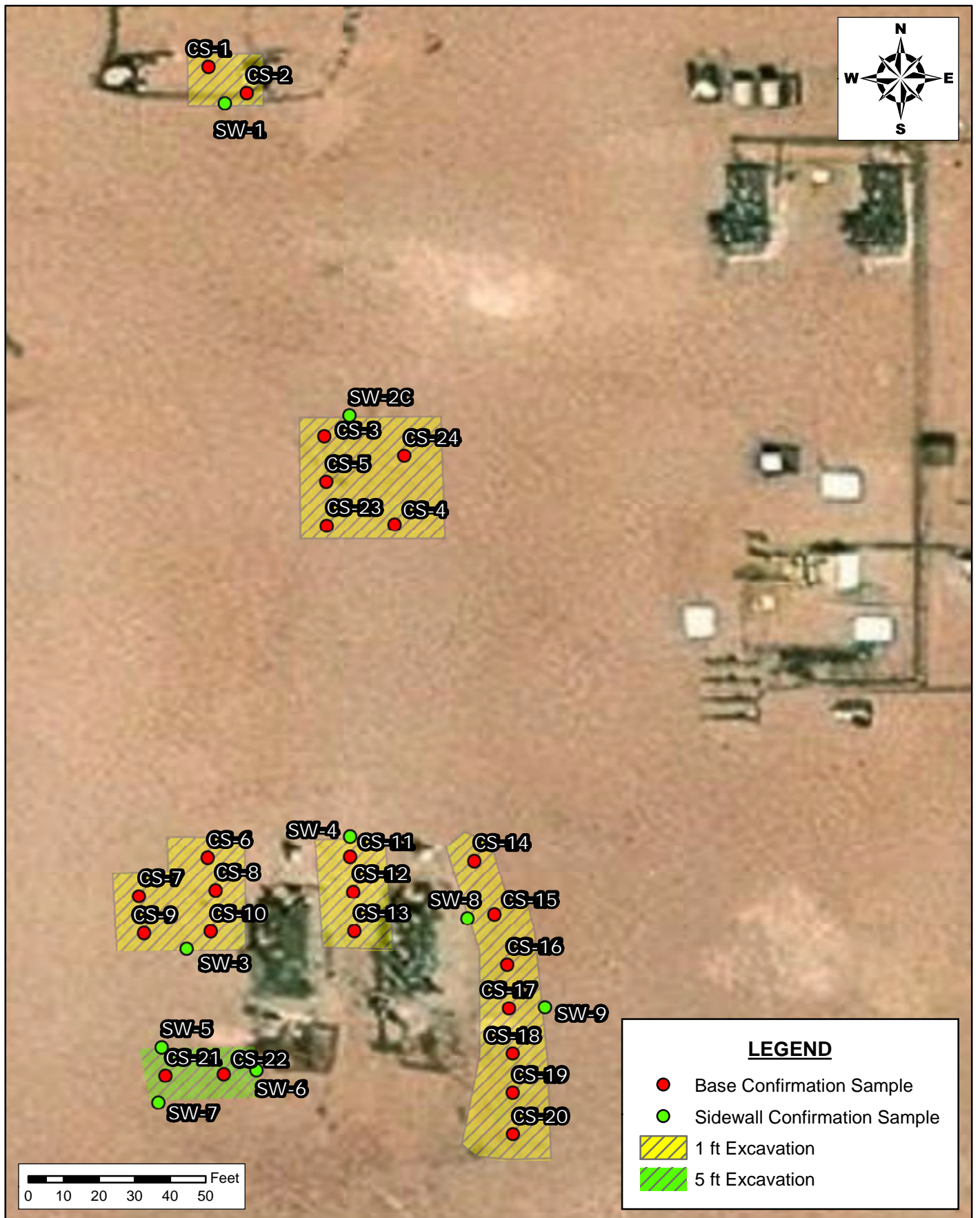
DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntg\Documents\NTGE - Projects\2024 PROJECTS\DEVON\RSC\249161 - (RSC) Boundary Raider 6-7 Fed Com 212H17 - Figures\GIS\Figures 4.mxd



**CONFIRMATION SAMPLE MAP
REMEDIAL ACTION REPORT
DEVON ENERGY PRODUCTION CORPORATION
BOUNDARY RAIDER 6-7 FEDERAL COM #212H
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 7/23/2025 Project #: 249161

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



NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

Site Characterization Information

NMOCD Closure Criteria

Boundary Raider 6-7 Fed Com 212H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	>55'	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	61,000	National Wetlands Inventory (NWS)

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

* - numerical limit or background, whichever is greater



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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-04936		
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-885-7541		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 20	SECONDS 22.88	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 103	42	58.77	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE U/L C S-6 T-23S R-32E							
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 2/25/25	DRILLING ENDED 2/25/25	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) DRY		DATE STATIC MEASURED 3/3/25
	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) FROM TO		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)
				No casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT
				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

WR-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-04936 Pod-1

Well owner: Devon Energy

Phone No.: _____

Mailing address: 5315 Buena Vista Dr.

City: Carlsbad State: NM Zip code: 88220

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WDD-1862 Expiration Date: 6/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 3/3/25 Date well plugging concluded: 3/3/25
- 5) GPS Well Location: Latitude: 32 deg, 20 min, 22.88 sec
Longitude: 103 deg, 42 min, 58.77 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: DRY ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: DRY ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 1/31/25
- 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:**

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

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

Signature of Well Driller

Date _____

OCD Well Locations



9/23/2024, 11:16:43 AM

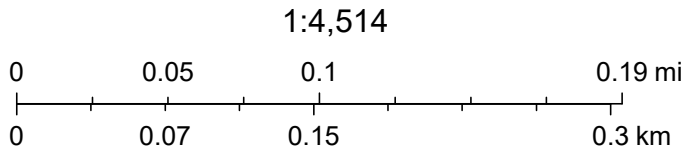
Wells - Large Scale

- Gas, New
- Oil, Active
- Oil, Cancelled
- Oil, New

- Oil, Plugged
- Salt Water Injection, Active
- Incident Release
- Produced Water Release
- Oil Release

- Release Other Facility
- Other
- Tank

- Karst Occurrence Potential
- Low
- PLSS Second Division
- PLSS First Division



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

Released to Imaging: 9/22/2025 11:23:03 AM

Received by OCD: 8/5/2025 8:03:27 AM

Legend

Basemap

Query

Source

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status

In Progress (Only NWI)

Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears

Riverine

Hydrogeomorphic Mapping (HGM) Polygons

Depressional

Flats

Lacustrine Fringe

Riverine

Slope

Landscape Position and Water Body (LLWW) Linears

Lentic (LE)

Lotic Rİver (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons

Lentic (LE)

Lake (LK)

Lotic River (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

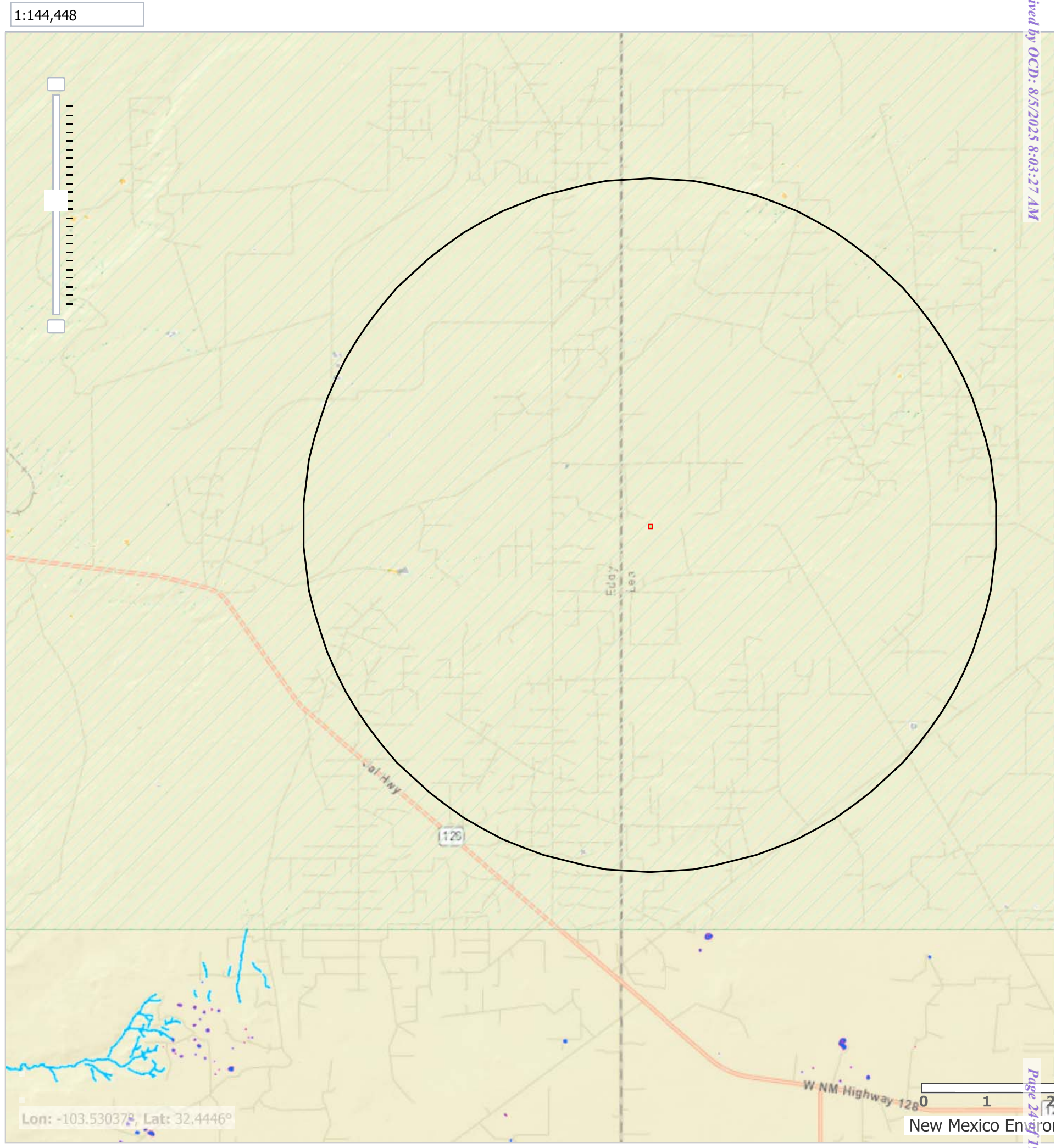
Terrene (TE)

Landform (LLWW)

Basin

Flat

Floodplain



National Flood Hazard Layer FIRMMette



103°43'13"W 32°20'36"N



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

1:6,000

103°42'36"W 32°20'6"N

Released to Imaging: 9/22/2025 11:23:03 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

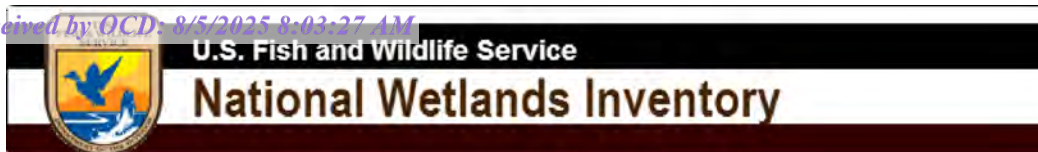


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 9/23/2024 at 1:16 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



September 23, 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

NTGE Project No: 249161

Released to Imaging: 9/22/2025 11:23:03 AM



PHOTOGRAPHIC LOG

Devon Energy Production Company
Boundary Raider 6-7 Fed Com 212H

Photograph No. 1

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 2

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 3

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



PHOTOGRAPHIC LOG

Devon Energy Production Company
Boundary Raider 6-7 Fed Com 212H

Photograph No. 4

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 5

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 6

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



PHOTOGRAPHIC LOG

Devon Energy Production Company
Boundary Raider 6-7 Fed Com 212H

Photograph No. 7

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 8

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 9

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



PHOTOGRAPHIC LOG

Devon Energy Production Company
Boundary Raider 6-7 Fed Com 212H

Photograph No. 10

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 11

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 12

Facility: Boundary Raider 6-7 Fed Com 212H

County: Lea County, New Mexico

Description:
Confirmation Sampling Event



Laboratory Reports and Chain-of-Custody



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

September 30, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7

Enclosed are the results of analyses for samples received by the laboratory on 09/25/24 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 4 (7) 0'-.5' (H245821-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	1.85	92.3	2.00	3.80		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.8	2.00	2.55		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	1.84		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.91	98.5	6.00	1.70		
Total BTEX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	09/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	1230	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	276	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 187 % 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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 6 (5) 0'-.5' (H245821-02)

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	09/27/2024	ND	1.85	92.3	2.00	3.80		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.8	2.00	2.55		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	1.84		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.91	98.5	6.00	1.70		
Total BTX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/26/2024	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	09/27/2024	ND	211	105	200	5.34	
DRO >C10-C28*	15.2	10.0	09/27/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

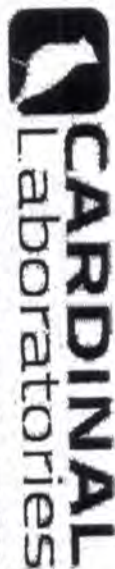
Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Paul 106

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTICE		P.O. #: 21414708	
Project Manager: ETHAN SEGUNDS		Company:	
Address: 269 McLean St		Attn:	
City: Carlsbad, CA 92008		Address:	
Phone #: 760-294-5956		City:	
Project #: 249161		State:	
Project Name: Buadery Raider 6-7		Zip:	
Project Location: Lee County		Phone #:	
Sampler Name: Cyler Kimball		Fax #:	

FOR LAB USE ONLY		DATE		TIME	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.
				GROUNDWATER	
				WASTEWATER	
				SOIL	
				OIL	
				SLUDGE	
				OTHER :	
				ACID/BASE:	
				ICE / COOL	
				OTHER :	

DATE	TIME	TRT	Chlorides	BTEX
9/25	9:00	X	X	X
		X	X	X
		X	X	X



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

September 30, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7

Enclosed are the results of analyses for samples received by the laboratory on 09/25/24 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 1 0-.5' (H245822-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	1.85	92.3	2.00	3.80		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.8	2.00	2.55		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	1.97	98.6	2.00	1.84		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.91	98.5	6.00	1.70		
Total BTEX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	09/26/2024	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	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	275	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	90.1	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 2 0-.5' (H245822-02)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	48.0	16.0	09/26/2024	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	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	42.3	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	21.8	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 3 0-.5' (H245822-03)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	128	16.0	09/26/2024	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	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	185	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	65.1	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 4 0-.5' (H245822-04)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	15200	16.0	09/26/2024	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	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	54.3	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 116 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 5 0-.5' (H245822-05)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	09/26/2024	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	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	221	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	76.9	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 119 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 6 0-.5' (H245822-06)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	2840	16.0	09/26/2024	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	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	29.5	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 118 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 7 0-.5' (H245822-07)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	09/26/2024	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	09/26/2024	ND	211	105	200	5.34		
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	211	105	200	3.38		
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 8 0-.5' (H245822-08)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTX	<0.300	0.300	09/27/2024	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	192	16.0	09/26/2024	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	09/26/2024	ND	211	105	200	5.34	
DRO >C10-C28*	3910	10.0	09/26/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	2470	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 9 0-.5' (H245822-09)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEx	<0.300	0.300	09/27/2024	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	368	16.0	09/26/2024	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	09/27/2024	ND	211	105	200	5.34	
DRO >C10-C28*	33.5	10.0	09/27/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: H - 10 0-.5' (H245822-10)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	416	16.0	09/26/2024	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	09/27/2024	ND	211	105	200	5.34	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 1 0-.5' (H245822-11)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEX	<0.300	0.300	09/27/2024	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	2720	16.0	09/26/2024	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*	12.9	10.0	09/27/2024	ND	211	105	200	5.34	
DRO >C10-C28*	1340	10.0	09/27/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	259	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 1 1'-1.5' (H245822-12)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	672	16.0	09/27/2024	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	09/27/2024	ND	211	105	200	5.34	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	211	105	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 113 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 1 2'-2.5' (H245822-13)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	112	16.0	09/27/2024	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	09/26/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 1 3'-3.5' (H245822-14)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/27/2024	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	09/26/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	18.4	10.0	09/26/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 124 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 2 0-.5' (H245822-15)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.64	1.00	09/27/2024	ND	1.96	98.1	2.00	1.64	
Toluene*	38.3	1.00	09/27/2024	ND	1.94	96.9	2.00	0.246	
Ethylbenzene*	26.0	1.00	09/27/2024	ND	2.01	100	2.00	0.227	
Total Xylenes*	123	3.00	09/27/2024	ND	5.98	99.7	6.00	0.345	
Total BTEX	191	6.00	09/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 147 % 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	6100	16.0	09/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2840	50.0	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	14100	50.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	2470	50.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 172 % 48.2-134

Surrogate: 1-Chlorooctadecane 275 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 2 1'-1.5' (H245822-16)

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	09/27/2024	ND	1.96	98.1	2.00	1.64		
Toluene*	<0.050	0.050	09/27/2024	ND	1.94	96.9	2.00	0.246		
Ethylbenzene*	0.086	0.050	09/27/2024	ND	2.01	100	2.00	0.227		
Total Xylenes*	0.589	0.150	09/27/2024	ND	5.98	99.7	6.00	0.345		
Total BTX	0.675	0.300	09/27/2024	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	2280	16.0	09/27/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	25.2	10.0	09/26/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	439	10.0	09/26/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	88.5	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 155 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 2 2'-2.5' (H245822-17)

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	09/28/2024	ND	2.09	104	2.00	11.6		
Toluene*	0.495	0.050	09/28/2024	ND	2.19	110	2.00	10.2		
Ethylbenzene*	0.842	0.050	09/28/2024	ND	2.35	118	2.00	10.2	QM-07	
Total Xylenes*	5.26	0.150	09/28/2024	ND	7.15	119	6.00	11.8	QM-07	
Total BTEX	6.59	0.300	09/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 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	2120	16.0	09/27/2024	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*	192	10.0	09/26/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	2090	10.0	09/26/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	389	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 2 3'-3.5' (H245822-18)

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	09/28/2024	ND	2.09	104	2.00	11.6		
Toluene*	<0.050	0.050	09/28/2024	ND	2.19	110	2.00	10.2		
Ethylbenzene*	<0.050	0.050	09/28/2024	ND	2.35	118	2.00	10.2		
Total Xylenes*	<0.150	0.150	09/28/2024	ND	7.15	119	6.00	11.8		
Total BTEx	<0.300	0.300	09/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	09/27/2024	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	09/26/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	58.6	10.0	09/26/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 2 4'-4.5' (H245822-19)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2024	ND	2.09	104	2.00	11.6	
Toluene*	0.121	0.050	09/28/2024	ND	2.19	110	2.00	10.2	
Ethylbenzene*	0.245	0.050	09/28/2024	ND	2.35	118	2.00	10.2	
Total Xylenes*	1.65	0.150	09/28/2024	ND	7.15	119	6.00	11.8	
Total BTEX	2.01	0.300	09/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 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	2200	16.0	09/27/2024	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*	58.9	10.0	09/26/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	1100	10.0	09/26/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	200	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 111 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 3 0-.5' (H245822-20)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.898	0.200	09/28/2024	ND	2.09	104	2.00	11.6	
Toluene*	15.4	0.200	09/28/2024	ND	2.19	110	2.00	10.2	
Ethylbenzene*	10.8	0.200	09/28/2024	ND	2.35	118	2.00	10.2	
Total Xylenes*	51.9	0.600	09/28/2024	ND	7.15	119	6.00	11.8	
Total BTEX	78.9	1.20	09/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 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	24000	16.0	09/27/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1310	10.0	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	7800	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	1320	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 148 % 48.2-134

Surrogate: 1-Chlorooctadecane 174 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 3 1'-1.5' (H245822-21)

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	09/28/2024	ND	2.09	104	2.00	11.6		
Toluene*	<0.050	0.050	09/28/2024	ND	2.19	110	2.00	10.2		
Ethylbenzene*	<0.050	0.050	09/28/2024	ND	2.35	118	2.00	10.2		
Total Xylenes*	<0.150	0.150	09/28/2024	ND	7.15	119	6.00	11.8		
Total BTEx	<0.300	0.300	09/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	9730	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	94.6	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	28.3	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 3 2'-2.5' (H245822-22)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	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	4720	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	21.0	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 3 3'-3.5' (H245822-23)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	4000	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	235	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	46.8	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 4 0-.5' (H245822-24)

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	09/27/2024	ND	2.00	100	2.00	7.23	
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17	
Total BTEX	<0.300	0.300	09/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6960	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	23.6	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 4 1'-1.5' (H245822-25)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	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	1920	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 4 2'-2.5' (H245822-26)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	2400	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 4 3'-3.5' (H245822-27)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	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	960	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 5 0-.5' (H245822-28)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	17400	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 5 1'-1.5' (H245822-29)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEX	<0.300	0.300	09/27/2024	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	3240	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	92.1	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	22.5	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 5 2'-2.5' (H245822-30)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEX	<0.300	0.300	09/27/2024	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	4240	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	131	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	32.4	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 5 3'-3.5' (H245822-31)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	4640	16.0	09/27/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	17.9	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 6 0-.5' (H245822-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEX	<0.300	0.300	09/27/2024	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	10600	16.0	09/26/2024	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	09/27/2024	ND	198	99.2	200	1.13	
DRO >C10-C28*	655	10.0	09/27/2024	ND	193	96.7	200	1.69	
EXT DRO >C28-C36	169	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 108 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 6 1'-1.5' (H245822-33)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEx	<0.300	0.300	09/27/2024	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	4640	16.0	09/26/2024	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	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	297	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	70.5	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 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:	09/25/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY		

Sample ID: V - 6 2'-2.5' (H245822-34)

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	09/27/2024	ND	2.00	100	2.00	7.23		
Toluene*	<0.050	0.050	09/27/2024	ND	2.07	103	2.00	7.53		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.09	104	2.00	7.00		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.44	107	6.00	7.17		
Total BTEX	<0.300	0.300	09/27/2024	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	1860	16.0	09/26/2024	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	09/27/2024	ND	198	99.0	200	2.23	
DRO >C10-C28*	24.3	10.0	09/27/2024	ND	181	90.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	09/27/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

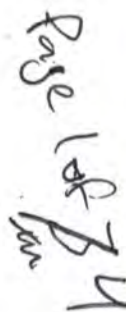
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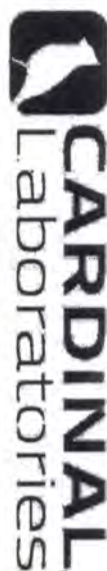
A handwritten signature in black ink, appearing to read "Celey D. Keene", written in a cursive style.

Celey D. Keene, Lab Director/Quality Manager



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

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101 East Marland, Hobbs, NM 88240
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Page 2 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 39 of 40



Page 3 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 40 of 40



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

October 23, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED #212H

Enclosed are the results of analyses for samples received by the laboratory on 10/18/24 11:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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:	10/18/2024	Sampling Date:	10/18/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED #212H	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA COUNTY		

Sample ID: TP - 1 4' (H246385-01)

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	10/20/2024	ND	2.02	101	2.00	1.60	
Toluene*	<0.050	0.050	10/20/2024	ND	2.09	105	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.12	106	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.35	106	6.00	1.71	
Total BTX	<0.300	0.300	10/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	10/21/2024	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	10/21/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 1 5' (H246385-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEx	<0.300	0.300	10/20/2024	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	64.0	16.0	10/21/2024	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	10/21/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 67.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 1 6' (H246385-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEx	<0.300	0.300	10/20/2024	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	10/21/2024	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	10/21/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 2 5' (H246385-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	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	32.0	16.0	10/21/2024	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	10/21/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 2 6' (H246385-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	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	10/21/2024	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 2 7' (H246385-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40	
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67	
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00	
Total BTEx	<0.300	0.300	10/20/2024	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	32.0	16.0	10/21/2024	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 2 8' (H246385-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/22/2024	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 3 5' (H246385-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEx	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/22/2024	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 3 6' (H246385-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/22/2024	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	141	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	31.7	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 3 7' (H246385-10)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/22/2024	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 3 8' (H246385-11)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/22/2024	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 4 5' (H246385-12)

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	10/20/2024	ND	2.16	108	2.00	3.40	
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67	
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00	
Total BTEx	<0.300	0.300	10/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/22/2024	ND	432	108	400	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	10/22/2024	ND	217	109	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	218	109	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 4 6' (H246385-13)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 4 7' (H246385-14)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	10/22/2024	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	10/22/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 4 8' (H246385-15)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/22/2024	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	10/22/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 5 4' (H246385-16)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEx	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 5 5' (H246385-17)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 116 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 5 6' (H246385-18)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEx	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 5 7' (H246385-19)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEX	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	10/22/2024	ND	432	108	400	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 5 8' (H246385-20)

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	10/20/2024	ND	2.16	108	2.00	3.40	
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67	
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00	
Total BTEX	<0.300	0.300	10/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 122 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: TP - 3 9' (H246385-21)

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	10/20/2024	ND	2.16	108	2.00	3.40		
Toluene*	<0.050	0.050	10/20/2024	ND	2.08	104	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/20/2024	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/20/2024	ND	6.22	104	6.00	2.00		
Total BTEx	<0.300	0.300	10/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 114 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 1A 0-6" (H246385-22)

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	10/21/2024	ND	2.05	103	2.00	2.85		
Toluene*	<0.050	0.050	10/21/2024	ND	2.02	101	2.00	3.17		
Ethylbenzene*	<0.050	0.050	10/21/2024	ND	2.06	103	2.00	3.65		
Total Xylenes*	<0.150	0.150	10/21/2024	ND	6.18	103	6.00	3.80		
Total BTEX	<0.300	0.300	10/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 3A 0-6" (H246385-23)

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	10/21/2024	ND	2.05	103	2.00	2.85		
Toluene*	<0.050	0.050	10/21/2024	ND	2.02	101	2.00	3.17		
Ethylbenzene*	<0.050	0.050	10/21/2024	ND	2.06	103	2.00	3.65		
Total Xylenes*	<0.150	0.150	10/21/2024	ND	6.18	103	6.00	3.80		
Total BTEx	<0.300	0.300	10/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/22/2024	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	10/21/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 4A 0-6" (H246385-24)

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	10/21/2024	ND	2.05	103	2.00	2.85		
Toluene*	<0.050	0.050	10/21/2024	ND	2.02	101	2.00	3.17		
Ethylbenzene*	<0.050	0.050	10/21/2024	ND	2.06	103	2.00	3.65		
Total Xylenes*	<0.150	0.150	10/21/2024	ND	6.18	103	6.00	3.80		
Total BTEX	<0.300	0.300	10/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/22/2024	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	10/22/2024	ND	236	118	200	13.9	
DRO >C10-C28*	91.8	10.0	10/22/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	21.5	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 111 % 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: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 5A 0-6" (H246385-25)

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	10/21/2024	ND	2.05	103	2.00	2.85	
Toluene*	<0.050	0.050	10/21/2024	ND	2.02	101	2.00	3.17	
Ethylbenzene*	<0.050	0.050	10/21/2024	ND	2.06	103	2.00	3.65	
Total Xylenes*	<0.150	0.150	10/21/2024	ND	6.18	103	6.00	3.80	
Total BTEX	<0.300	0.300	10/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/22/2024	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	10/22/2024	ND	236	118	200	13.9	
DRO >C10-C28*	17.2	10.0	10/22/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	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



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Analytical Results For:

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

Received: 10/18/2024
 Reported: 10/23/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 10/18/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 8A 0-6" (H246385-26)

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	10/21/2024	ND	2.05	103	2.00	2.85		
Toluene*	<0.050	0.050	10/21/2024	ND	2.02	101	2.00	3.17		
Ethylbenzene*	<0.050	0.050	10/21/2024	ND	2.06	103	2.00	3.65		
Total Xylenes*	<0.150	0.150	10/21/2024	ND	6.18	103	6.00	3.80		
Total BTEx	<0.300	0.300	10/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/22/2024	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	10/22/2024	ND	236	118	200	13.9	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	236	118	200	13.1	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or 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".

Celey D. Keene, Lab Director/Quality Manager



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Laboratoires

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sessums Address: 209 West McKel St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #: Project #: 249161 Project Owner: Project Name: Boundary Rider 6-7 Fed #212 H Project Location: Lea County Sample Name: Clayford FOR LAB USE ONLY		BILL TO P.O. #: 21414708 Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. 11 H24U385 12 13 14 15 16 17 18 19	Sample I.D. TP-3 TP-4 TP-4 TP-4 TP-5 TP-5 TP-5 TP-5	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	MATRIX PRESERV DATE TIME	BTEX TPH Chloride	
PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By: [Signature] Date: 10/15 Received By: [Signature] Date: 10/15 Relinquished By: [Signature] Date: 10/15 Received By: [Signature] Date: 10/15			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 58.0 Corrected Temp. °C: 58.2 Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature] Turnaround Time: Thermometer ID #140 Correction Factor -0.5°C Standard: <input checked="" type="checkbox"/> Rush: <input type="checkbox"/> Bacteria (only): <input checked="" type="checkbox"/> Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C	
REMARKS: All Results are emailed. Please provide Email address:					

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



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Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sessions Address: 209 West McKay St City: Carlisbad State: NM Zip: 88220 Phone #: Fax #: Project #: 249161 Project Owner: Project Name: Boundary Rider 6-7 Fed #2224 Project Location: Lea County Sampler Name: Clayton		BILL TO P.O. #: 2144708 Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D.: Sample I.D.:		ANALYSIS REQUEST	

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chloride
H44855																
a1	TP-3	9'														
a2	H-1A	0-6"														
a3	H-3A	0-6"														
a4	H-4A	0-6"														
a5	H-5A	0-6"														
a6	H-6A	0-6"														

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--	---

Relinquished By: Relinquished By: Time: 11:14 Date: 10/15 Received By:	Turnaround Time: Thermometer ID #140 Correction Factor -0.6°C Standard <input checked="" type="checkbox"/> RUSH Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C
---	---



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

December 30, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED #212H

Enclosed are the results of analyses for samples received by the laboratory on 12/20/24 12:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Snyder", is written in a cursive, flowing style.

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:	12/20/2024	Sampling Date:	12/20/2024
Reported:	12/30/2024	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED #212H	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY		

Sample ID: TP - 5 9-9.5' (H247734-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79	
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02	
Total BTEX	<0.300	0.300	12/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	12/27/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 5 10-10.5' (H247734-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79	
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02	
Total BTEX	<0.300	0.300	12/26/2024	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	144	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 11 0-6" (H247734-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79	
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02	
Total BTEX	<0.300	0.300	12/26/2024	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	32.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 12 0-6" (H247734-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEx	<0.300	0.300	12/26/2024	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	32.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 13 0-6" (H247734-05)

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	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTX	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	16.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 0-6" (H247734-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEx	<0.300	0.300	12/26/2024	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	496	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 1-1.5' (H247734-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEx	<0.300	0.300	12/26/2024	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	64.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 2-2.5' (H247734-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEX	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 3-3.5' (H247734-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEx	<0.300	0.300	12/26/2024	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	16.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 4-4.5' (H247734-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEX	<0.300	0.300	12/26/2024	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	16.0	16.0	12/27/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 7 0-6" (H247734-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/27/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/27/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/27/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/27/2024	ND	6.55	109	6.00	9.02		
Total BTEX	<0.300	0.300	12/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	12/27/2024	ND	416	104	400	7.41	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	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	197	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 7 1-1.5' (H247734-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1900	16.0	12/27/2024	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	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	137	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 7 2-2.5' (H247734-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	2.20	110	2.00	8.79		
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02		
Total BTEX	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	12/27/2024	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	12/26/2024	ND	183	91.5	200	0.157	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	185	92.5	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 7 3-3.5' (H247734-14)

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	12/26/2024	ND	2.20	110	2.00	8.79	
Toluene*	<0.050	0.050	12/26/2024	ND	2.15	107	2.00	9.29	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	2.17	109	2.00	9.28	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	6.55	109	6.00	9.02	
Total BTX	<0.300	0.300	12/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 7 4-4.5' (H247734-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 8 0-6" (H247734-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743	
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33	
Total BTEX	<0.300	0.300	12/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	591	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 8 1-1.5' (H247734-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	584	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 8 2-2.5' (H247734-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	25.9	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 8 3-3.5' (H247734-19)

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	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTX	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 8 4-4.5' (H247734-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 9 0-6" (H247734-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 9 1.1.5' (H247734-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 9 2-2.5' (H247734-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Mike Snyder For 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 9 3-3.5' (H247734-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743		
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110		
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38		
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33		
Total BTEx	<0.300	0.300	12/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 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: 12/20/2024
 Reported: 12/30/2024
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 12/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 9 4-4.5' (H247734-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2024	ND	1.82	91.1	2.00	0.743	
Toluene*	<0.050	0.050	12/26/2024	ND	1.82	90.8	2.00	0.110	
Ethylbenzene*	<0.050	0.050	12/26/2024	ND	1.90	94.8	2.00	2.38	
Total Xylenes*	<0.150	0.150	12/26/2024	ND	5.67	94.4	6.00	4.33	
Total BTEX	<0.300	0.300	12/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/27/2024	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	12/26/2024	ND	208	104	200	0.238	
DRO >C10-C28*	<10.0	10.0	12/26/2024	ND	190	94.9	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	12/26/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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*=Accredited Analyte

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Notes and Definitions

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

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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

6/3

Company Name: UTG-F		BILL TO		ANALYSIS REQUEST																															
Project Manager: Ethan Sessums		P.O. #: 21914708																																	
Address: 209 W. McKay St.		Company: Devon																																	
City: Carlsbad		Attn: Jim Haley																																	
Phone #: 438-701-2154		Address:																																	
Project #: 249161		City:																																	
Project Name: Banding Ruiders 6-7 Fed #2121		State:																																	
Project Location: Pea County, New Mexico		Zip:																																	
Sampler Name: Kenny Ken		Phone #:																																	
Fax #:		Fax #:																																	
FOR LAB USE ONLY		PRESERV		SAMPLING																															
Lab I.D. HB477341		Sample I.D.																																	
TP-5		a-a.5'		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		BTEx		TPH		Chloride	
H-11		10-10.5'		X		1																													
H-12		0-6"																																	
H-13		0-6"																																	
TP-6		1-1.5'																																	
2-2.5'																																			
3-3.5'																																			
4-4.5'																																			
10																																			
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Relinquished By: W		Date: 7/24/24		Received By: Stodolney		Date: 8/26		Time: 08:00		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		All Results are emailed. Please provide Email address:																					
Relinquished By: W		Date: 8/26		Received By: Stodolney		Date: 8/26		Time: 08:00		REMARKS:																									
Delivered By: (Circle One)		Observed Temp. °C 04.1		Sample Condition		CHECKED BY: SR		Turnaround Time:		Standard Rush		Bacteria (only) Sample Condition																							
Sampler - UPS - Bus - Other:		Corrected Temp. °C -0.8		Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Thermometer ID #140		Correction Factor -0.5°C		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>																					
FORM 000 K-33 06/07/24		† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com																																	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/3

Company Name: HTSF		BILL TO		ANALYSIS REQUEST									
Project Manager: Elton Searns		P.O. #: 21414706											
Address: 209 W. Mckay St		Company: Devon											
City: Carlsbad		Attn: Tim Raley											
State: NM Zip: 86200		Address:											
Phone #: 505-701-2159 Fax #:		City:											
Project #: 249161 Project Owner: Devon		State:											
Project Name: Burbury Raider 6-7 Feb #2124		Zip:											
Project Location: Lea Co, New Mexico		Phone #:											
Sampler Name: Kenny Han		Fax #:											
FOR LAB USE ONLY													
Lab I.D. 1847734		Sample I.D.		FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING			
11		TP-7		C-6"		(G)RAB OR (C)OMP.		DATE		TIME		BTEX	
12				1-1.5'		# CONTAINERS		12/20				TPH	
13				2-2.5'		GROUNDWATER						Chloride	
14				3-3.5'		WASTEWATER							
15				4-4.5'		SOIL							
16				0-6"		OIL							
17				1-1.5'		SLUDGE							
18				2-2.5'		OTHER:							
19				3-3.5'		ACID/BASE:							
20				4-4.5'		ICE / COOL							
						OTHER:							
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Relinquished By: WLC		Date: 12/20/24		Received By: Steele Rigney		Date: 12/20/24		Time: 12:00		Remarks: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		All Results are emailed. Please provide Email address:	
Relinquished By: WLC		Date: 12/20/24		Received By: Steele Rigney		Date: 12/20/24		Time: 12:00		Remarks: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		All Results are emailed. Please provide Email address:	
Delivered By: (Circle One)		Observed Temp. °C: 0.4		Sample Condition		CHECKED BY: SL		Turnaround Time: Standard		Bacteria (only) Sample Condition		Corrected Temp. °C	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: 20.2		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Thermometer ID #140		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C	
FORM 000 R 3.3 06/09/24													

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

May 01, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED #212H

Enclosed are the results of analyses for samples received by the laboratory on 04/29/25 11:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "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:	04/29/2025	Sampling Date:	04/29/2025
Reported:	05/01/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED #212H	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY		

Sample ID: CS - 1 (H252560-01)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTX	<0.300	0.300	04/29/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

Cardinal Laboratories

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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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (H252560-02)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTX	<0.300	0.300	04/29/2025	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	32.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.5 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (H252560-03)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	16.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	44.4	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	15.1	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 76.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.8 % 40.6-153

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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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (H252560-04)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	32.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	14.6	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.4 % 40.6-153

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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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (H252560-05)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	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	16.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 75.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.9 % 40.6-153

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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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (H252560-06)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTEX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	32.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	20.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 61.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 58.6 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (H252560-07)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	64.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	12.7	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 68.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.7 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (H252560-08)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 64.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.1 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 (H252560-09)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	48.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	21.3	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 68.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.5 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (H252560-10)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 67.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.1 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 11 (H252560-11)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 51.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 49.5 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 (H252560-12)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1360	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	34.7	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 71.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.4 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 13 (H252560-13)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTX	<0.300	0.300	04/29/2025	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	1100	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	209	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	70.9	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 67.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.7 % 40.6-153

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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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 14 (H252560-14)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTEx	<0.300	0.300	04/29/2025	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	32.0	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.8 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 15 (H252560-15)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTX	<0.300	0.300	04/29/2025	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	112	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 68.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.7 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 16 (H252560-16)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTEX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	352	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 69.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.0 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (H252560-17)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTEX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1650	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.4 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (H252560-18)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTX	<0.300	0.300	04/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 71.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.1 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 19 (H252560-19)

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	04/29/2025	ND	2.11	106	2.00	7.65	
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52	
Total BTX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.7 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 20 (H252560-20)

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	04/29/2025	ND	2.11	106	2.00	7.65		
Toluene*	<0.050	0.050	04/29/2025	ND	2.03	102	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	1.99	99.4	2.00	6.24		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.07	101	6.00	5.52		
Total BTEx	<0.300	0.300	04/29/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	04/30/2025	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	04/30/2025	ND	197	98.7	200	2.00	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	190	95.1	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 70.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.8 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (H252560-21)

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	04/29/2025	ND	2.05	103	2.00	0.0562		
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14		
Total BTEx	<0.300	0.300	04/29/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 56.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 52.9 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 22 (H252560-22)

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	04/29/2025	ND	2.05	103	2.00	0.0562	
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14	
Total BTEX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	19.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 72.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.3 % 40.6-153

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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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 (H252560-23)

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	04/29/2025	ND	2.05	103	2.00	0.0562	
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14	
Total BTEx	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	79.6	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	17.7	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.4 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (H252560-24)

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	04/29/2025	ND	2.05	103	2.00	0.0562	
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14	
Total BTX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	102	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	23.8	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.4 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (H252560-25)

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	04/29/2025	ND	2.05	103	2.00	0.0562		
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20		
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07		
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14		
Total BTX	<0.300	0.300	04/29/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.9 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (H252560-26)

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	04/29/2025	ND	2.05	103	2.00	0.0562	
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14	
Total BTEX	<0.300	0.300	04/29/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.2 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (H252560-27)

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	04/29/2025	ND	2.05	103	2.00	0.0562	
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14	
Total BTEX	<0.300	0.300	04/29/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (H252560-28)

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	04/29/2025	ND	2.05	103	2.00	0.0562	
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14	
Total BTX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: KV				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 82.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.1 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (H252560-29)

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	04/29/2025	ND	2.05	103	2.00	0.0562	
Toluene*	<0.050	0.050	04/29/2025	ND	2.23	111	2.00	2.20	
Ethylbenzene*	<0.050	0.050	04/29/2025	ND	2.12	106	2.00	3.07	
Total Xylenes*	<0.150	0.150	04/29/2025	ND	6.35	106	6.00	3.14	
Total BTX	<0.300	0.300	04/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153

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Mike Snyder For 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: 04/29/2025
 Reported: 05/01/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 04/29/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (H252560-30)

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	04/30/2025	ND	2.15	107	2.00	6.47		
Toluene*	<0.050	0.050	04/30/2025	ND	2.27	113	2.00	6.84		
Ethylbenzene*	<0.050	0.050	04/30/2025	ND	2.15	107	2.00	7.24		
Total Xylenes*	<0.150	0.150	04/30/2025	ND	6.42	107	6.00	6.82		
Total BTX	<0.300	0.300	04/30/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/30/2025	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	04/30/2025	ND	199	99.7	200	2.70	
DRO >C10-C28*	<10.0	10.0	04/30/2025	ND	188	93.9	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/30/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.5 % 40.6-153

Cardinal Laboratories

*=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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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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

113

Company Name: MTGE		BILL TO		ANALYSIS REQUEST																															
Project Manager: ETHAN SERRANO		P.O. #: 21414708																																	
Address: 809 W. Muley St		Company: Burn																																	
City: Catford		Attn: Jim Kaley																																	
State: NM Zip: 88220		Address:																																	
Phone #: 294-266-5450 Fax #:		City:																																	
Project #: 249161 Project Owner: Burn		State:																																	
Project Name: Burnburg Raider 6-7 Fed Gun 212		Zip:																																	
Project Location: Lee Co, NM		Phone #:																																	
Sample Name: Kenny Han		Fax #:																																	
FOR LAB USE ONLY		PRESERV		SAMPLING																															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP:		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		BTEX		TPH		Chloride	
1		CS-1		C		1																				4/29									
2		CS-2		C		1																													
3		CS-3		C		1																													
4		CS-4		C		1																													
5		CS-5		C		1																													
6		CS-6		C		1																													
7		CS-7		C		1																													
8		CS-8		C		1																													
9		CS-9		C		1																													
10		CS-10		C		1																													

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Relinquished By:	Date: 4/29	Received By:	Date: 4/29
Relinquished By:	Time: 11:57	Received By:	Time: 11:57
Delivered By: (Circle One)	Observed Temp. °C 1.0°C	Sample Condition	CHECKED BY: (initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.3°C	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
Turnaround Time: Standard		Bacteria (only) <input checked="" type="checkbox"/>	Sample Condition
Thermometer ID # 440		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Observed Temp. °C
Correction Factor +0.3°C		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temp. °C

REMARKS:

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:

FOR CARDINAL LABS ONLY

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

$$\frac{2}{3}$$
[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

$$\frac{2}{3}$$

Company Name: BTGE							BILL TO		ANALYSIS REQUEST																																	
Project Manager: Ethron Seimons							P.O. #: 21414708																																			
Address: 389 W. Mulkey St							Company: Deven																																			
City: Carlsbad							Attn: Jim Raley																																			
State: WA Zip: 92020							Address:																																			
Phone #: 354-266-5456 Fax #:							City:																																			
Project #: 214161 Project Owner: Deven							State:																																			
Project Location: Boundary Rider 6-7 Fed Can 212							Zip:																																			
Sample Name: Leaky Run							Phone #:																																			
FOR LAB USE ONLY							Fax #:																																			
Lab I.D. Sample I.D.							(G)RAB OR (C)OMP.		DATE		TIME																															
							# CONTAINERS																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>MATRIX</th> <th>PRESERV</th> <th>SAMPLING</th> </tr> </thead> <tbody> <tr><td>GROUNDWATER</td><td></td><td></td></tr> <tr><td>WASTEWATER</td><td></td><td></td></tr> <tr><td>SOIL</td><td></td><td></td></tr> <tr><td>OIL</td><td></td><td></td></tr> <tr><td>SLUDGE</td><td></td><td></td></tr> <tr><td>OTHER :</td><td></td><td></td></tr> <tr><td>ACID/BASE:</td><td></td><td></td></tr> <tr><td>ICE / COOL</td><td></td><td></td></tr> <tr><td>OTHER :</td><td></td><td></td></tr> </tbody> </table>							MATRIX	PRESERV	SAMPLING	GROUNDWATER			WASTEWATER			SOIL			OIL			SLUDGE			OTHER :			ACID/BASE:			ICE / COOL			OTHER :								
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Date: 4/24							Date:																																			
Time: 11:57							Time:																																			
Relinquished By:							Received By:																																			
Observed Temp. °C 1.0							Corrected Temp. °C -1.3		Sample Condition		CHECKED BY:																															
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									<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Standard																															



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

May 14, 2025

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED #212H

Enclosed are the results of analyses for samples received by the laboratory on 05/09/25 10:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/09/2025	Sampling Date:	05/09/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED #212H	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA COUNTY		

Sample ID: CS-23 (H252772-01)

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	05/09/2025	ND	2.08	104	2.00	1.31	
Toluene*	<0.050	0.050	05/09/2025	ND	2.19	109	2.00	1.18	
Ethylbenzene*	<0.050	0.050	05/09/2025	ND	2.19	109	2.00	1.30	
Total Xylenes*	<0.150	0.150	05/09/2025	ND	6.49	108	6.00	1.58	
Total BTX	<0.300	0.300	05/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	1380	16.0	05/09/2025	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	05/09/2025	ND	199	99.6	200	4.33	
DRO >C10-C28*	<10.0	10.0	05/09/2025	ND	181	90.6	200	4.32	
EXT DRO >C28-C36	<10.0	10.0	05/09/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/09/2025
 Reported: 05/14/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 05/09/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW-2A (H252772-02)

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	05/09/2025	ND	1.87	93.7	2.00	4.69	
Toluene*	<0.050	0.050	05/09/2025	ND	1.99	99.3	2.00	5.21	
Ethylbenzene*	<0.050	0.050	05/09/2025	ND	1.99	99.6	2.00	4.70	
Total Xylenes*	<0.150	0.150	05/09/2025	ND	6.30	105	6.00	4.63	
Total BTX	<0.300	0.300	05/09/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/09/2025	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	05/09/2025	ND	199	99.6	200	4.33	
DRO >C10-C28*	768	10.0	05/09/2025	ND	181	90.6	200	4.32	
EXT DRO >C28-C36	831	10.0	05/09/2025	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

ANALYSIS REQUEST

[illegible]



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

May 21, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED #212H

Enclosed are the results of analyses for samples received by the laboratory on 05/19/25 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, 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: 05/19/2025
 Reported: 05/21/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 24 (H252997-01)

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	05/19/2025	ND	2.13	107	2.00	2.73	
Toluene*	<0.050	0.050	05/19/2025	ND	1.72	86.0	2.00	3.17	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	1.79	89.3	2.00	2.33	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.42	90.3	6.00	2.39	
Total BTX	<0.300	0.300	05/19/2025	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	560	16.0	05/20/2025	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	05/19/2025	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	188	93.8	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.0 % 40.6-153

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: 05/19/2025
 Reported: 05/21/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 05/19/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2B (H252997-02)

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	05/20/2025	ND	1.94	96.8	2.00	4.06		
Toluene*	<0.050	0.050	05/20/2025	ND	2.11	106	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/20/2025	ND	2.09	105	2.00	5.90		
Total Xylenes*	<0.150	0.150	05/20/2025	ND	6.44	107	6.00	6.31		
Total BTEx	<0.300	0.300	05/20/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	05/20/2025	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	05/19/2025	ND	202	101	200	1.18	
DRO >C10-C28*	14.5	10.0	05/19/2025	ND	188	93.8	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.2 % 40.6-153

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



Work Order No: HS2997

Page 1 of 1

Page 5 of 5

Revised Date 05/01/2020 Rev. 2020.



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

May 29, 2025

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED #212H

Enclosed are the results of analyses for samples received by the laboratory on 05/27/25 12:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/27/2025	Sampling Date:	05/27/2025
Reported:	05/29/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED #212H	Sampling Condition:	Cool & Intact
Project Number:	249161	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY		

Sample ID: SW - 2C (H253152-01)

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	05/27/2025	ND	1.86	93.1	2.00	0.103	
Toluene*	<0.050	0.050	05/27/2025	ND	1.98	99.0	2.00	0.182	
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	1.95	97.7	2.00	0.300	
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.01	100	6.00	0.657	
Total BTEX	<0.300	0.300	05/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/28/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	236	118	200	0.513	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	233	116	200	0.503	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/27/2025
 Reported: 05/29/2025
 Project Name: BOUNDARY RAIDER 6 - 7 FED #212H
 Project Number: 249161
 Project Location: DEVON - LEA COUNTY

Sampling Date: 05/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (H253152-02)

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	05/27/2025	ND	1.86	93.1	2.00	0.103		
Toluene*	<0.050	0.050	05/27/2025	ND	1.98	99.0	2.00	0.182		
Ethylbenzene*	<0.050	0.050	05/27/2025	ND	1.95	97.7	2.00	0.300		
Total Xylenes*	<0.150	0.150	05/27/2025	ND	6.01	100	6.00	0.657		
Total BTEx	<0.300	0.300	05/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/28/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2025	ND	205	103	200	2.51	
DRO >C10-C28*	<10.0	10.0	05/27/2025	ND	230	115	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	05/27/2025	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.7 % 40.6-153

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Notes and Definitions

A-01	ending cvv failed high biased all samples below mdl
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

4253152

Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	*
Address:	209 W McKay Street	Address:	
City, State ZIP:	Carlsbad, NM	City, State ZIP:	
Phone:		Email:	

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

Project Name:		Boundary Raider 6-7 Fed Com #212H		Turn Around		ANALYSIS REQUEST										Preservative Codes																	
Project Number:		249161		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code												None: NO DI Water: H ₂ O															
Project Location:		Lea County, NM		Due Date:		48 Hrs												Cool: Cool MeOH: Me															
Sampler's Name:		Clayton T		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN																	
PO #:		21414708												H ₂ SO ₄ : H ₂ NaOH: Na																			
SAMPLE RECEIPT		Temp Blank:		Yes / No		Wet Ice:		(Yes) No												H ₃ PO ₄ : HP													
Received Intact:		Yes No		Thermometer ID:		#140												NaHSO ₄ : NABIS															
Cooler Custody Seals:		Yes No		N/A		Correction Factor:		+0.3°C												Na ₂ S ₂ O ₃ : NaSO ₃													
Sample Custody Seals:		Yes No		N/A		Temperature Reading:		4.9°C												Zn Acetate+NaOH: Zn													
Total Containers:		2		Corrected Temperature:		5.2°C												NaOH+Ascorbic Acid: SAPC															
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments							
SW-2C				5/20/2025		9:45		X				Comp		1		X		X		X													
SW-9				5/20/2025		9:47		X				Comp		1		X		X		X													

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 488550

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426430668
Incident Name	NAPP2426430668 BOUNDARY RAIDER 6 7 FEDERAL COM #212H @ 30-025-44146
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-44146] BOUNDARY RAIDER 6 7 FEDERAL COM #212H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #212H
Date Release Discovered	09/19/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 13 BBL Recovered: 5 BBL Lost: 8 BBL.
Produced Water Released (bbls) Details	Not answered.
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)	STUFFING BOX FAILED. 12.6 BBLs SPILLED AT WELLHEAD.

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 2

Action 488550

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 08/05/2025
--	---

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

QUESTIONS, Page 3

Action 488550

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	Yes
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	24000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	19410
GRO+DRO (EPA SW-846 Method 8015M)	16940
BTEX (EPA SW-846 Method 8021B or 8260B)	191
Benzene (EPA SW-846 Method 8021B or 8260B)	4
<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	03/27/2025
On what date will (or did) the final sampling or liner inspection occur	04/21/2025
On what date will (or was) the remediation complete(d)	04/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	4535
What is the estimated volume (in cubic yards) that will be remediated	132
<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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 488550

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 03/19/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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 5

Action 488550

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 488550

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	466957
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/27/2025
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6000
What was the total volume (cubic yards) remediated	285
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 08/05/2025

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QUESTIONS, Page 7

Action 488550

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 488550

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	9/22/2025