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August 6, 2025

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

**Re: Incident Deferral Report  
Devon Energy Production Company  
Boundary Raider 6-7 Federal Com #211H  
Unit D, Section 06, Township 23S, Range 32E  
Site Coordinates: 32.339248, -103.720365  
Lea County, New Mexico  
Incident ID: nAPP2504130500**

### **Introduction**

NTG Environmental, LLC (NTGE), on behalf of Devon Energy Production Company (Devon), submits this Incident Deferral 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 #211H (Site). The Site is in Unit Letter D, Section 06, of Township 23 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.339248° N Latitude and - 103.720365° 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 February 07, 2025. The release was the result of an equipment failure, resulting in the release of twenty-one (21) barrels (bbls) of crude oil, of which twenty (20) bbls were recovered. Upon discovery the well was shut-in, and the area was secure. The release area is shown in Figure 3.

### **Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water source within a ½-mile radius of the site. C-04936-Pod1 was drilled in 2025 to a depth of fifty-five (55) ft below ground surface (bgs). No groundwater was encountered and no

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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 March 24, 2025, 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<sup>®</sup> 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 the areas of V-1 through V-6, H-2, and H-4 through H-8. 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 three (3) 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 5-point composite sample per 200 square feet (sq ft) guideline established in the NMOCD regulatory criteria.

On June 16, 2025, a total of forty-three (43) confirmation samples were collected. Twenty-eight (28) confirmation samples (i.e., CS-1 – CS-28) were collected from the excavation's base as well as fifteen (15) confirmation samples (i.e., SW-1 – SW-15) were collected from the excavation's sidewalls. Analytical results of the following confirmation samples were above the NMOCD regulatory limits for chlorides and/or TPH: CS-15, CS-20, SW-2, SW-5, SW-7, and SW-10.

On July 9, 2025, after further excavation activities, an additional four (4) confirmation samples were collected. Two (2) confirmation samples (i.e., CS-15 and CS-20) were collected from the excavation base as well as two (2) confirmation samples (i.e., SW-5A and SW-16) 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 375 cubic yards (yd<sup>3</sup>) 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<sup>-</sup>B). Copies of laboratory analysis and chain-of-custody documentation are attached. The analytical results are summarized in Table 2.

### **Deferral Request**

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory requirements except for the areas of SW-2, SW-7, and SW-10. Further remediation in the area was not possible without causing major facility deconstruction. A map of the deferral area is shown in Figure 5. Devon formally requests a deferral for the Site (nAPP2504130500). 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 #211H**  
**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/MRO (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	3/24/2025	0-6"	<0.500	10.4	18.8	107	137	1,540	8,130	9,670	1,150	10,820	7,280	
	3/24/2025	1-1.5	0.112	2.23	1.31	7.42	11.1	140	828	968	162	1,130	336	
	3/24/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.0	61.0	<10.0	61.0	96.0	
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160	
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0	
V-2	3/24/2025	0-6"	<0.500	10.2	19.2	109	138	1,570	8,380	9,950	1,200	11,150	6,400	
	3/24/2025	1-1.5	0.467	8.39	4.55	20.1	33.5	591	2,060	2,651	402	3,053	608	
	3/24/2025	2-2.5	<0.050	0.110	0.056	0.470	0.635	14.9	216	230.9	28.9	259.8	128	
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.9	25.9	<10.0	25.9	160	
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.0	52.0	<10.0	52.0	112	
V-3	3/24/2025	0-6"	21.6	145	56.3	241	464	5,290	16,200	21,490	3,030	24,520	6,400	
	3/24/2025	1-1.5	0.130	0.736	0.309	2.36	3.54	35.5	489.0	524.5	89	613.5	320	
	3/24/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.0	15.0	<10.0	15.0	160	
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208	
	3/24/2025	4-4.5	<0.050	0.054	<0.050	0.172	0.226	<10.0	115	115	19.5	134.5	448	
V-4	3/24/2025	0-6"	21.6	130	49.1	218	418.7	4,370	20,400	24,770	4,290	29,060	12,200	
	3/24/2025	1-1.5	0.096	1.13	0.779	5.10	7.10	112	1,110	1,222	228	1,450	1,180	
	3/24/2025	2-2.5	<0.050	<0.050	<0.050	0.198	0.198	<10.0	132	132	28.8	160.8	288	
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272	
	3/24/2025	4-4.5	<0.050	0.156	0.128	0.778	1.062	21.9	290	311.9	55.4	367.3	608	
V-5	3/24/2025	0-6"	<2.00	27.5	16.2	74.4	118	1,470	4,040	5,510	742	6,252	1,200	
	3/24/2025	1-1.5	<0.050	0.171	0.118	0.640	0.929	14.8	192	206.8	34.1	240.9	176	
	3/24/2025	2-2.5	<0.050	0.345	0.369	2.04	2.754	66.8	633	699.8	131	830.8	1,540	
	3/24/2025	3-3.5	<0.050	0.074	0.091	0.624	0.789	19.8	428	448	88.3	536	896	
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.8	34.8	<10.0	34.8	96.0	
V-6	3/24/2025	0-6"	<0.050	0.687	1.14	7.41	9.237	341	26,900	27,241	7,270	34,511	11,000	
	3/24/2025	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.2	18.2	<10.0	18.2	96.0	
	3/24/2025	2-2.5	0.093	2.14	1.73	9.00	13.0	177	1,470	1,647	308	1,955	448	
	3/24/2025	3-3.5	<0.050	0.155	0.152	0.952	1.26	23.4	649	672.4	184	856.4	400	
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	51.6	51.6	19.2	70.8	192	

**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Boundary Raider 6-7 Federal Com #211H**  
**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 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
Horizontal Delineation Samples													
H-1	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.3	26.3	13.4	39.7	288
H-2	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	97.3	97.3	45.1	142.4	400
H-3	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.9	29.9	10.5	40.4	272
H-4	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	130	130	32.9	162.9	496
H-5	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	87.2	87.2	21.8	109	416
H-6	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	97.4	97.4	27.6	125	384
H-7	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	178	178.0	58.9	236.9	560
H-8	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	140	140.0	39.4	179.4	448
H-9	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.7	75.7	14.7	90.4	384
H-10	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	73.7	73.7	19.0	92.7	336
H-11	7/16/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176

## 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

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

- Not Analyzed

**SP-1** Sample Point Excavated

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Boundary Raider 6-7 Federal Com #211H**  
**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/MRO (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
Base Samples													
CS-1	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-2	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	90.3	90.3	39.3	129.6	208
CS-3	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-4	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	859	859	244	1103	64
CS-5	6/16/2025	1'	<0.050	0.052	<0.050	<0.150	<0.300	<10.0	297	297	150	447	400
CS-6	6/16/2025	1'	0.132	0.343	0.052	<0.150	0.527	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-7	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	311	311	122	433	288
CS-8	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.6	75.6	35.6	111.2	1040
CS-9	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	124	124	40.1	164.1	544
CS-10	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29	29	14.5	43.5	256
CS-11	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-12	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	11.7	<10.0	11.7	320
CS-13	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.7	32.7	11.4	44.1	112
CS-14	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	229	229	66.2	295.2	80
CS-15	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4280	4280	1100	5380	432
	7/9/2025	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.2	27.2	10.5	37.7	480
CS-16	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	135	135	64.2	199.2	288
CS-17	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	68.1	68.1	24.4	92.5	48
CS-18	6/16/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	129	129	62.1	191.1	512
CS-19	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-20	6/16/2025	1'	<0.050	0.128	0.299	1.67	2.1	48.7	3170	3218.7	709	3927.7	528
	7/9/2025	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	149	149	66	215	32
CS-21	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	921	921	145	1066	16
CS-22	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.8	15.8	<10.0	15.8	<16.0
CS-23	6/16/2025	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.6	25.6	<10.0	25.6	<16.0
CS-24	6/16/2025	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-25	6/16/2025	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	69.1	69.1	20.7	89.8	128
CS-26	6/16/2025	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	46.8	46.8	11.3	58.1	176
CS-27	6/16/2025	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-28	6/16/2025	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Boundary Raider 6-7 Federal Com #211H**  
**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 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
Sidewall Samples														
SW-1	6/16/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240	
SW-2	6/16/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1190	1190	346	1536	224	
SW-3	6/16/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18	18	<10.0	18	272	
SW-4	6/16/2025	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.2	13.2	<10.0	13.2	48	
SW-5	6/16/2025	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.5	38.5	11.2	49.7	640	
SW-5A	7/9/2025	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
SW-6	6/16/2025	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	650	650	150	800	352	
SW-7	6/16/2025	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4480	4480	1070	5550	1870	
SW-8	6/16/2025	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.3	37.3	14.5	51.8	32	
SW-9	6/16/2025	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	231	231	45.9	276.9	144	
SW-10	6/16/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	291	291	92.6	383.6	1,580	
SW-11	6/16/2025	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.7	39.7	11	50.7	64	
SW-12	6/16/2025	1-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	87.2	87.2	10.2	97.4	80	
SW-13	6/16/2025	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
SW-14	6/16/2025	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
SW-15	6/16/2025	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
SW-16	7/9/2025	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	

## Notes:

1. Values reported in mg/kg

2. &lt; = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP-1

Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

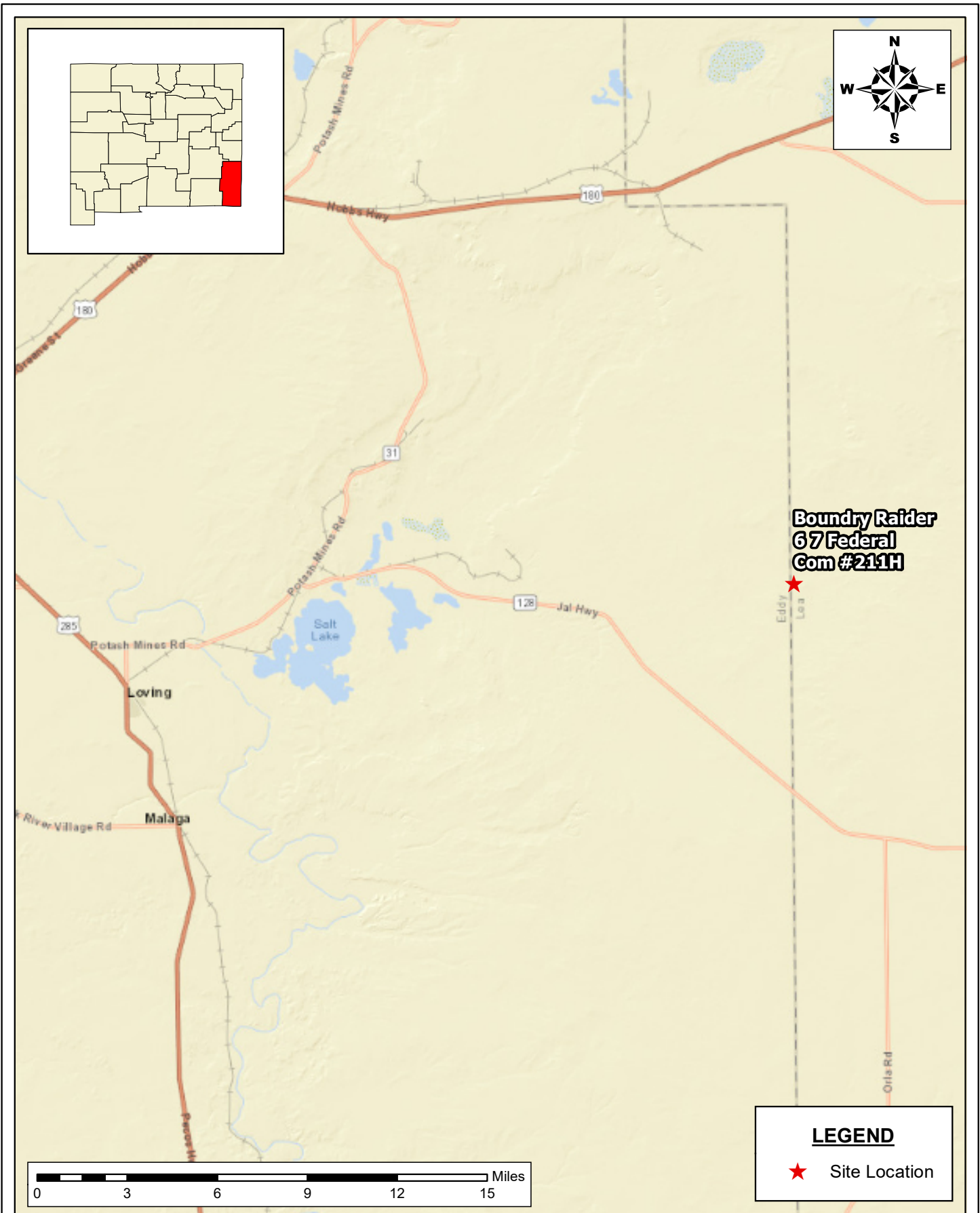
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

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

8. --- Not Analyzed

## **Figures**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\RSC\237676 - Sirius 17 Fed 3 Battery\7 - Figures\GIS\Figure\_1\_SL.mxd



**SITE LOCATION MAP  
INCIDENT CLOSURE REPORT  
BOUNDARY RAIDER 6-7 FED COM 211H DEVON  
ENERGY PRODUCTION CORPORATION LEA  
COUNTY, NEW MEXICO**

SCALE: As Shown    Date: 2/12/2025    PROJECT #: 259740



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

**NOTES:**

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

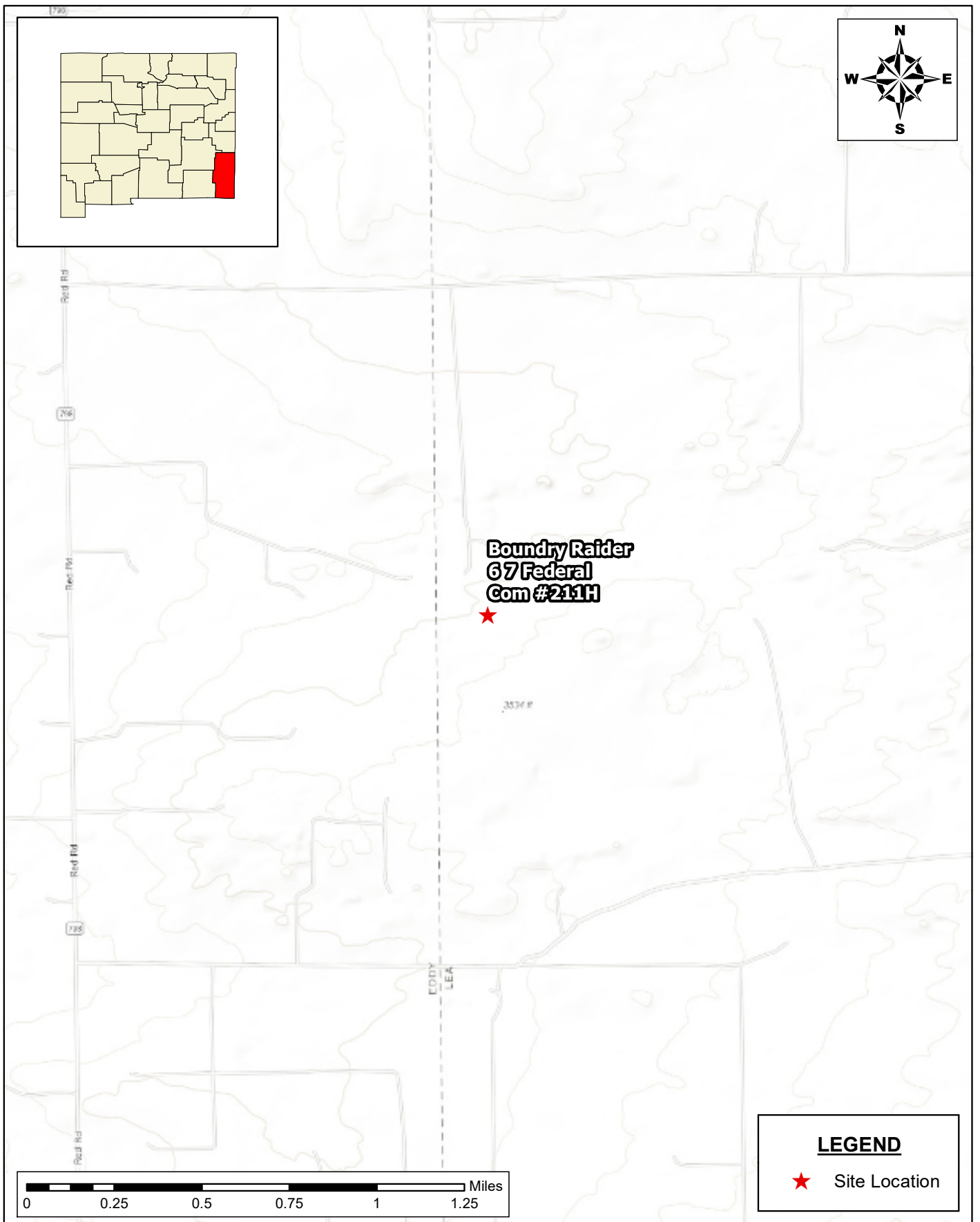
DRAWING NUMBER:

**FIGURE 1**

SHEET NUMBER:

**1 of 1**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Projects\2024 PROJECTS\DEVON\RSC\237676 - Sirius 17 Fed 3 Battery\7 - Figures\GIS\Figure\_1\_SL.mxd



**TOPOGRAPHIC MAP  
INCIDENT CLOSURE REPORT  
BOUNDARY RAIDER 6-7 FED COM 211H  
DEVON ENERGY PRODUCTION CORPORATION  
LEA COUNTY, NEW MEXICO**

SCALE: As Shown    Date: 2/12/2025    PROJECT #: 259740



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911 Regional Park Drive  
Houston, Texas 77060  
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**NOTES:**

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

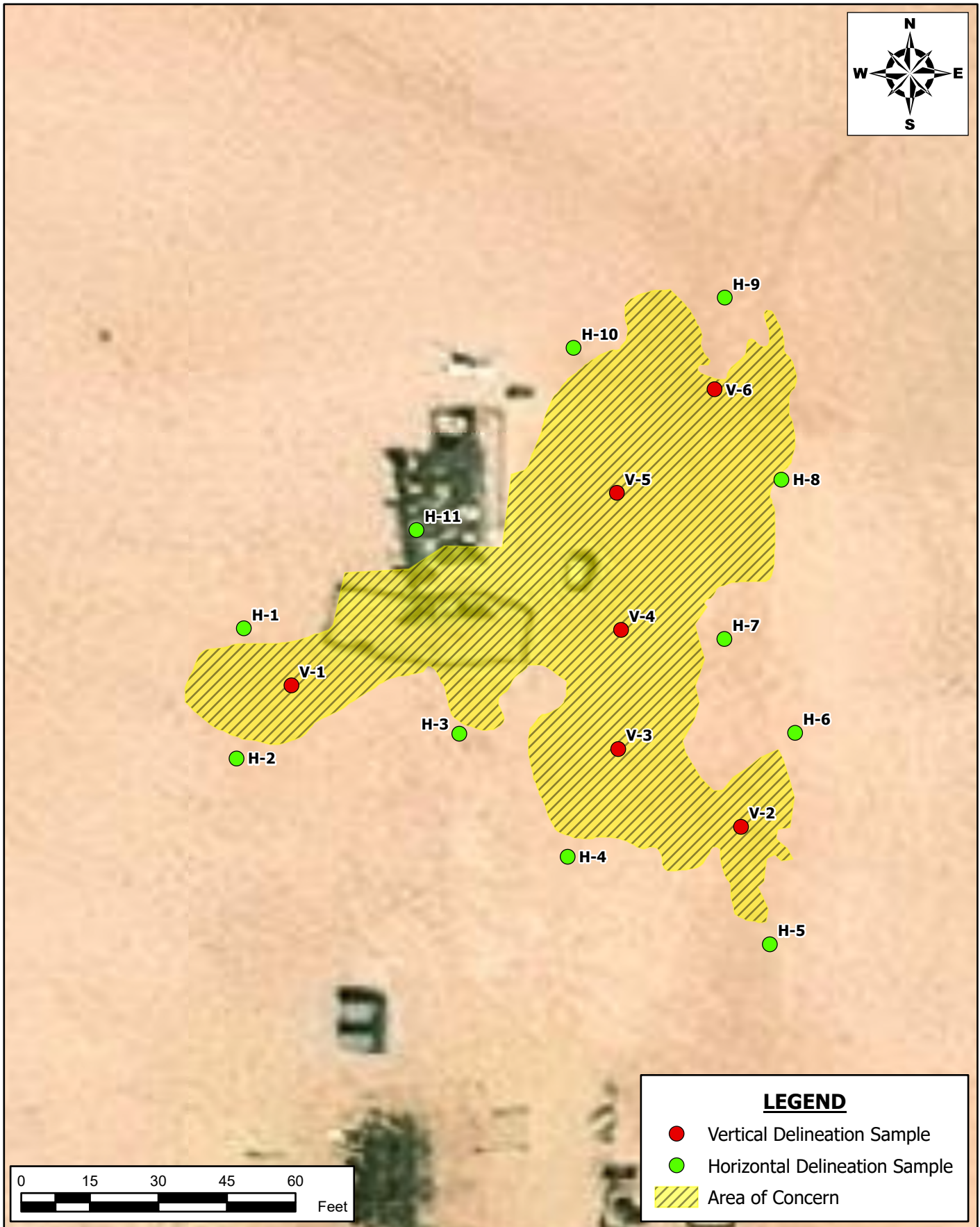
DRAWING NUMBER:

**FIGURE 2**

SHEET NUMBER:

**1 of 1**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2025 PROJECTS\DEVON\IRSCO\259740 - Boundary Raider 6-7 Federal Com #211H\7 - Figures\GIS\Geodatabase\Figure\_3\_InitialAssessmentMap\_07212025.aprx



**INITIAL ASSESSMENT MAP  
INCIDENT CLOSURE REPORT  
DEVON ENERGY PRODUCTION CORPORATION  
BOUNDARY RAIDER 6-7 FEDERAL COM #211H  
LEA COUNTY, NEW MEXICO**

SCALE: As Shown    Date: 7/21/2025    PROJECT #: 259740



**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

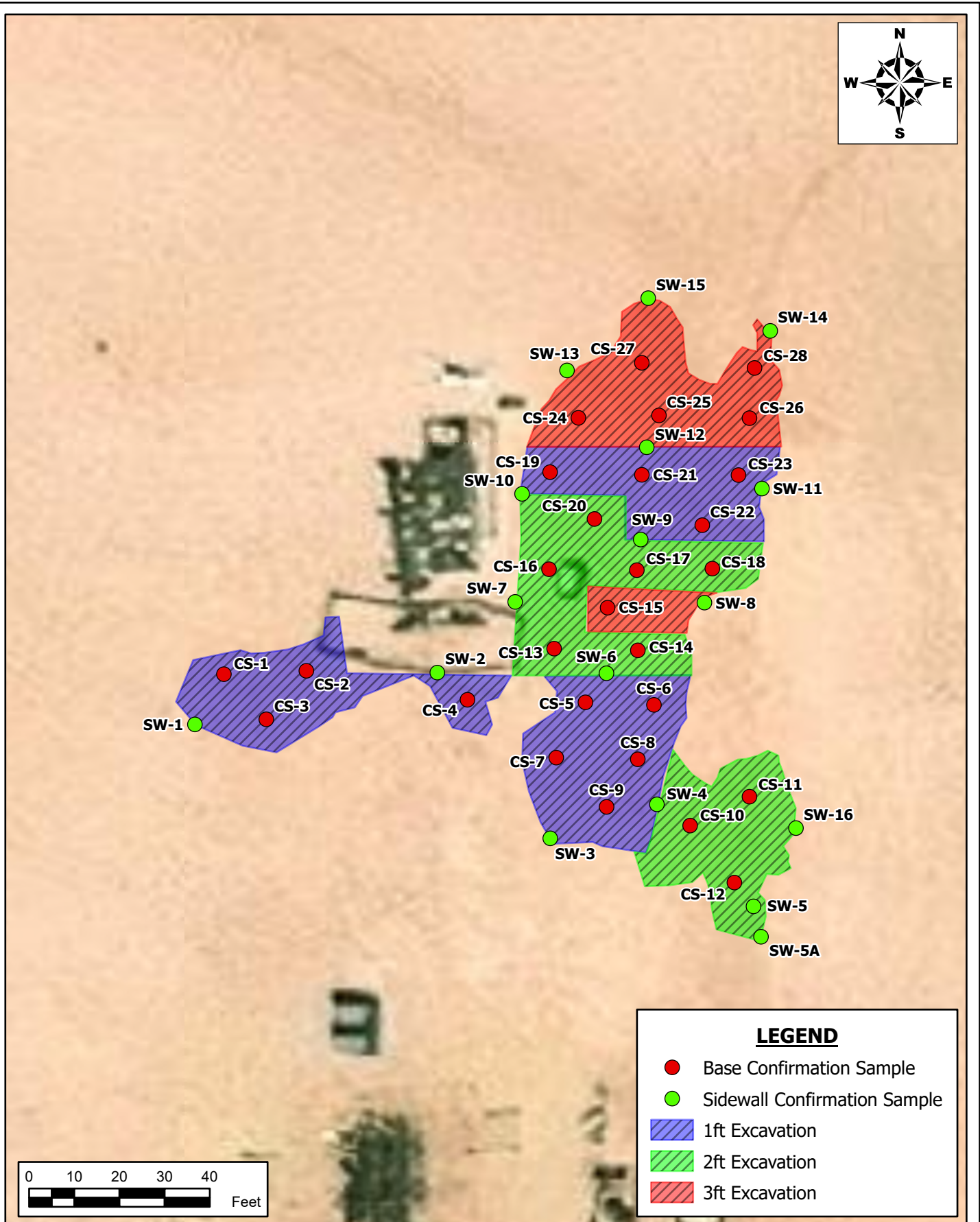
DRAWING NUMBER:

**FIGURE 3**

SHEET NUMBER:

**1 of 1**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Projects\2025 PROJECTS\DEVON\IRSO\259740 - Boundary Raider 6-7 Federal Com #211H7 - Figures\GIS\Geodatabase\Figure\_4\_ConfirmationMap\_07212025.aprx



**CONFIRMATION SAMPLE MAP  
INCIDENT CLOSURE REPORT  
DEVON ENERGY PRODUCTION CORPORATION  
BOUNDARY RAIDER 6-7 FEDERAL COM #211H  
LEA COUNTY, NEW MEXICO**

SCALE: As Shown

Date: 7/21/2025

PROJECT #: 259740



**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**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2025 PROJECTS\DEVON\IRSO\259740 - Boundary Raider 6-7 Federal Com #211H\7 - Figures\GIS\Geodatabase\Figure\_5\_DeferralMap\_07212025.aprx



**DEFERRAL MAP  
INCIDENT CLOSURE REPORT  
DEVON ENERGY PRODUCTION CORPORATION  
BOUNDARY RAIDER 6-7 FEDERAL COM #211H  
LEA COUNTY, NEW MEXICO**

SCALE: As Shown      Date: 7/21/2025      PROJECT #: 259740



**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 5**

SHEET NUMBER:

**1 of 1**

**Site Characterization Information**

# OSE POD Location Map



7/15/2025, 1:00:35 PM

- Override 1

Override 1

GIS WATERS PODs

Active
- Plugged

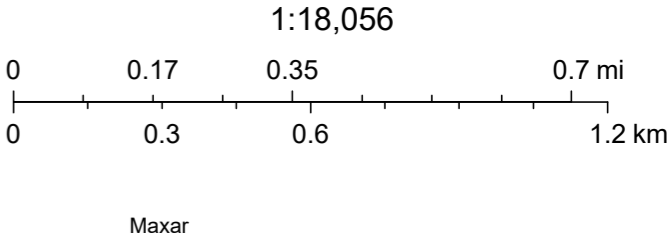
OSE District Boundary

Water Right Regulations

Closure Area
- Artesian Plan Area

New Mexico State Trust Lands

Both Estates





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). C-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 LATITUDE 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 <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A			

FOR OSE INTERNAL USE

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

FILE NO. C-04936	POD NO. 1	TRN NO. 778160
LOCATION 23S. 32E. 06. 221	WELL TAG ID NO. —	PAGE 1 OF 2

Released to Imaging: 8/13/2025 11:45:10 AM

Elizabeth K. Anderson, P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

**STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 778160  
File Nbr: C 04936  
Well File Nbr: C 04936 POD1

Mar. 19, 2025

JAMES HAWLEY  
H&R ENTERPRISES LLC  
P.O. BOX 3641  
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 02/11/2025.

The Well Record was received in this office on 03/06/2025, stating that it had been completed on 02/25/2025, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/11/2026.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rodolfo Chavez".


Rodolfo Chavez  
(575) 622-6521

drywell


# OCD Well Locations




7/15/2025, 1:05:32 PM


- 

Override 1




Wells - Large Scale





Gas, New
- 

Oil, Active




Oil, Cancelled




Oil, New
- 

Low

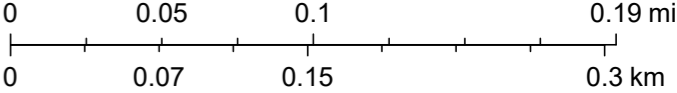


PLSS Second Division



PLSS First Division

1:4,514



BLM, OCD, New Mexico Tech, OCD, Maxar, BLM

G023550000  
V062060003  
G023550101

## Land Status

0 0.03 0.05 0.1  
mi



**New Mexico State Land Office**

**Disclaimer:**

The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Released to Imaging: 8/13/2025 11:45:10 AM  
Map Created: 7/15/2025



User drawn points



Oil and Gas Leasing Restrictions



Energy Leases



Agricultural Leases



Oil and Gas Leases



Minerals Leases



Commercial Leases

New Mexico State Trust Lands



Subsurface Estate



Surface Estate



Both Estates

Karst\_Potential\_NM

Potential



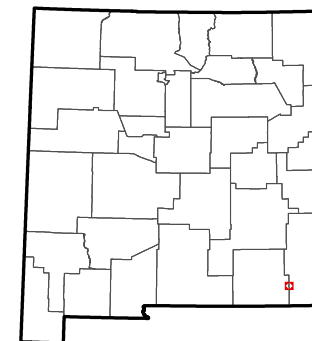
Critical



High



Medium



# National Flood Hazard Layer FIRMette



103°43'32"W 32°20'36"N



Released to Imaging: 8/13/2025 11:45:10 AM

1:6,000

103°42'55"W 32°20'6"N

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 7/15/2025 at 5:51 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.

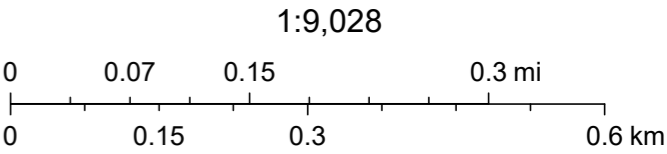
# Active Mines in New Mexico



7/15/2025, 1:13:33 PM

Land Ownership

- BLM
- S
- PLSS Second Division
- PLSS First Division



U.S. BLM, Maxar, BLM





## National Wetlands Map



July 15, 2025

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

**Photographic Log**

NTGE Project No: 259740

*Released to Imaging: 8/13/2025 11:45:10 AM*



## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 1**

**Facility:** Boundary Raider 6-7 Federal Com  
#211H

**County:** Lea County, New Mexico

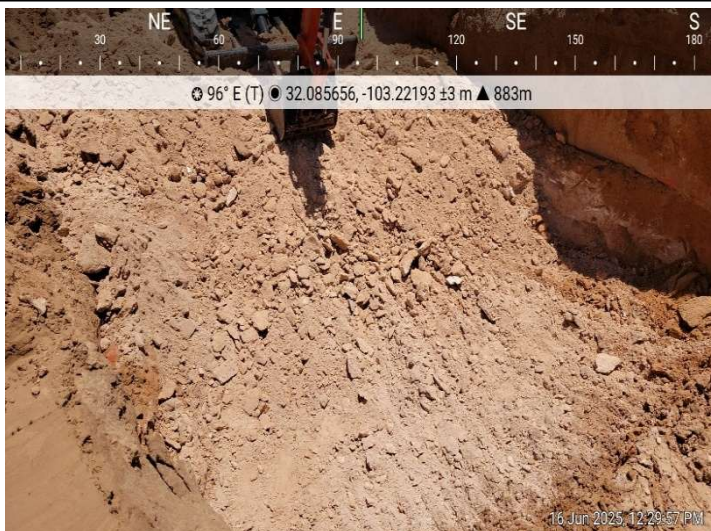
**Description:**  
View of Excavation.

**Photograph No. 2**

**Facility:** Boundary Raider 6-7 Federal Com  
#211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.

**Photograph No. 3**

**Facility:** Boundary Raider 6-7 Federal Com  
#211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.



# PHOTOGRAPHIC LOG

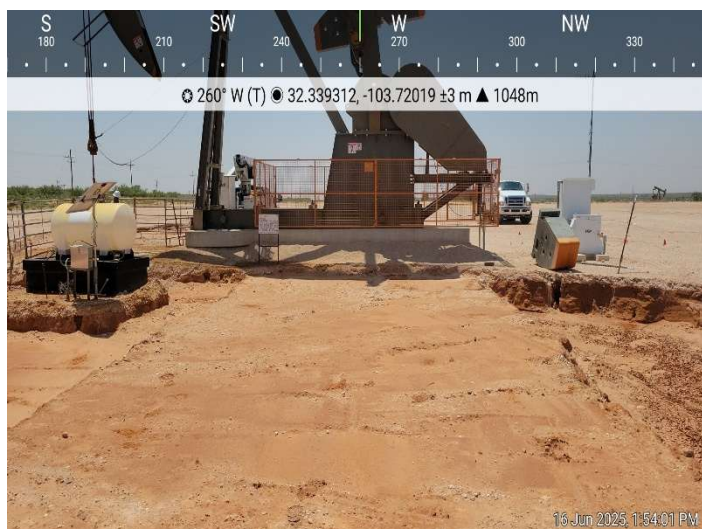
## Devon Energy Production Company

### Photograph No. 4

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.

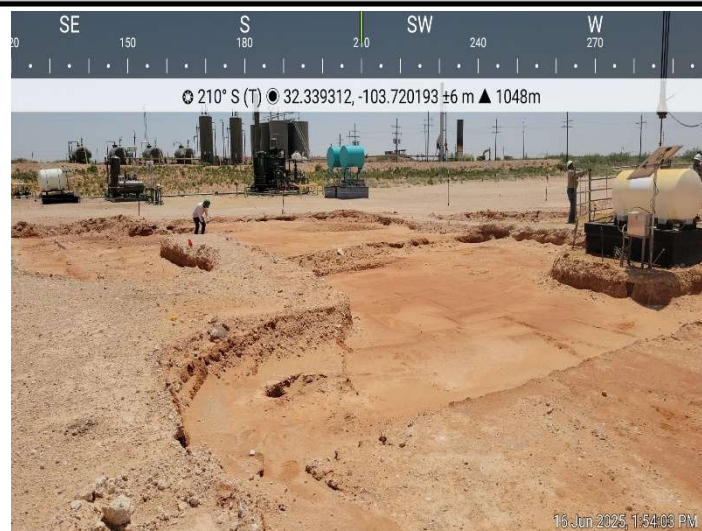


### Photograph No. 5

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.

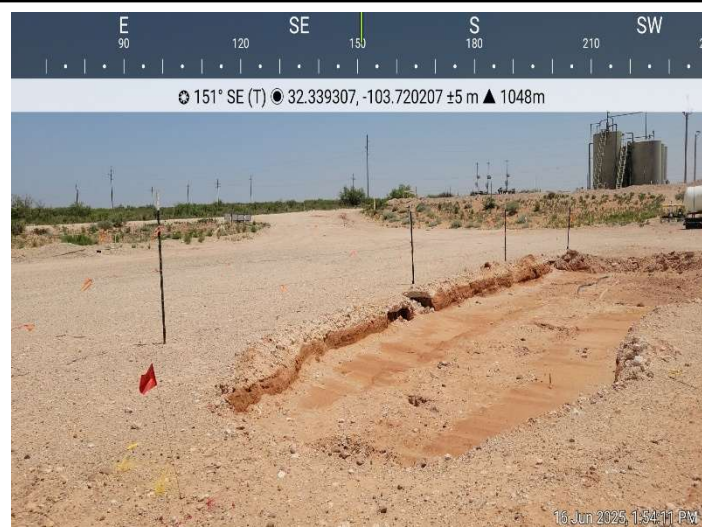


### Photograph No. 6

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.



## PHOTOGRAPHIC LOG

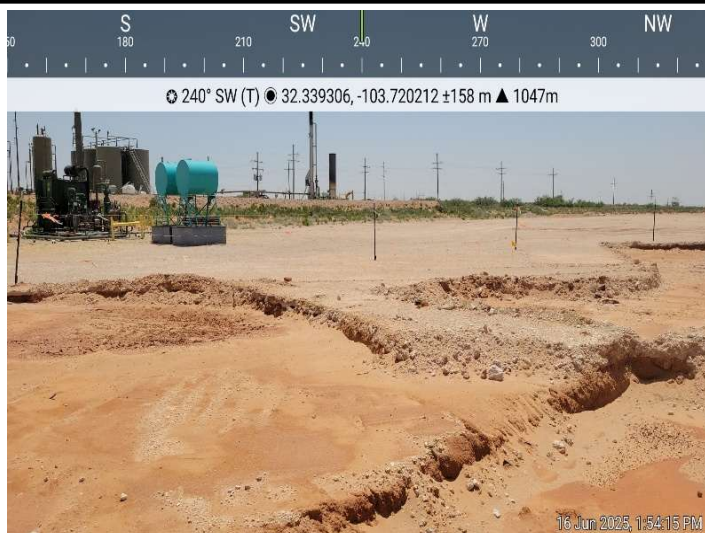
### Devon Energy Production Company

**Photograph No. 7**

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

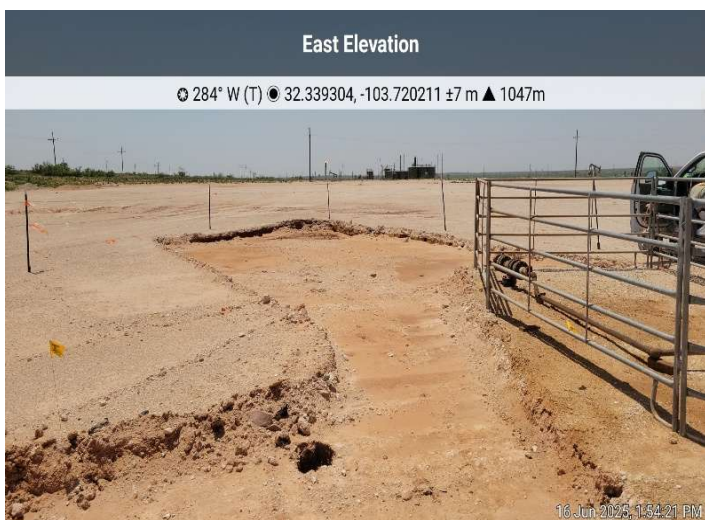
**Description:**  
View of Excavation.

**Photograph No. 8**

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.

**Photograph No. 9**

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.



# PHOTOGRAPHIC LOG

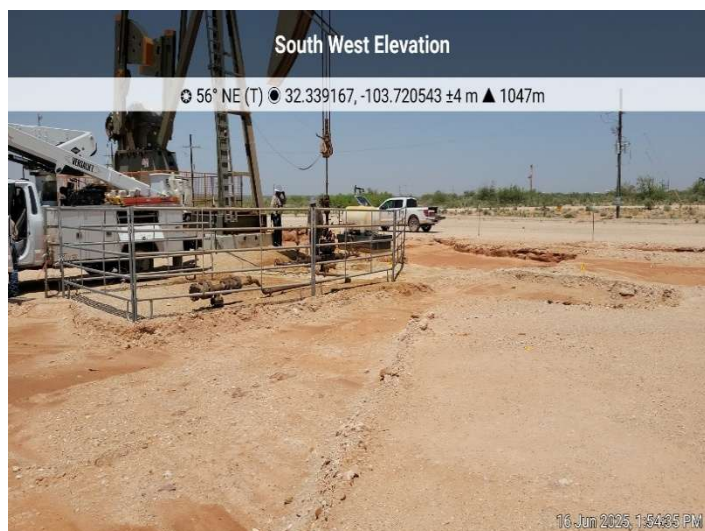
## Devon Energy Production Company

**Photograph No. 10**

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

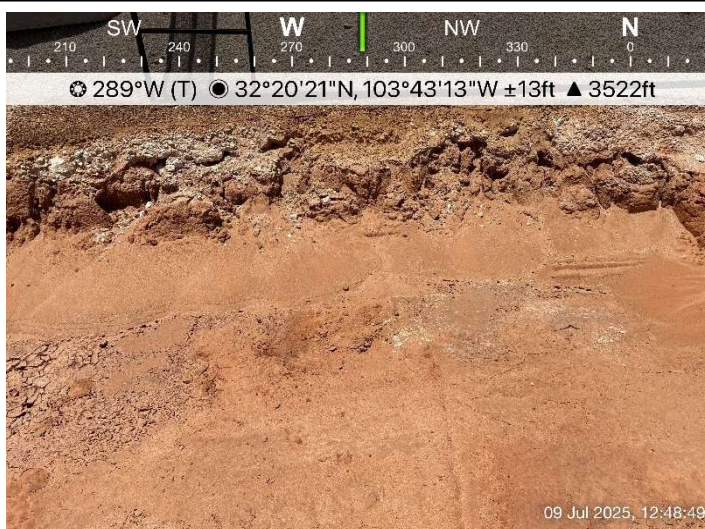
**Description:**  
View of Excavation.

**Photograph No. 11**

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.

**Photograph No. 12**

**Facility:** Boundary Raider 6-7 Federal Com #211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.



## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 13**

**Facility:** Boundary Raider 6-7 Federal Com  
#211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.

**Photograph No. 14**

**Facility:** Boundary Raider 6-7 Federal Com  
#211H

**County:** Lea County, New Mexico

**Description:**  
View of Excavation.



**Laboratory Reports and Chain-of-Custody**



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

---

March 28, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED 211

Enclosed are the results of analyses for samples received by the laboratory on 03/24/25 13:48.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 0-6" (H251709-01)**

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>10.4</b>	0.500	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>18.8</b>	0.500	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>107</b>	1.50	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTEX</b>	<b>137</b>	3.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 166 % 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
<b>Chloride</b>	<b>7280</b>	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1540</b>	10.0	03/25/2025	ND	197	98.5	200	0.0462	
<b>DRO &gt;C10-C28*</b>	<b>8130</b>	10.0	03/25/2025	ND	186	93.0	200	1.12	
<b>EXT DRO &gt;C28-C36</b>	<b>1150</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 271 % 44.4-145

Surrogate: 1-Chlorooctadecane 173 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 1-1.5' (H251709-02)**

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.112</b>	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>2.23</b>	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>1.31</b>	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>7.42</b>	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTEX</b>	<b>11.1</b>	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 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
<b>Chloride</b>	<b>336</b>	16.0	03/25/2025	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
<b>GRO C6-C10*</b>	<b>140</b>	10.0	03/25/2025	ND	197	98.5	200	0.0462	
<b>DRO &gt;C10-C28*</b>	<b>828</b>	10.0	03/25/2025	ND	186	93.0	200	1.12	
<b>EXT DRO &gt;C28-C36</b>	<b>162</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 114 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 2-2.5' (H251709-03)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38		
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459		
Total BTX	<0.300	0.300	03/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/25/2025	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	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	61.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.4 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 3-3.5' (H251709-04)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38		
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459		
Total BTX	<0.300	0.300	03/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/25/2025	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	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.6 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 4-4.5' (H251709-05)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38		
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459		
Total BTX	<0.300	0.300	03/26/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/25/2025	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	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.7 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 0-6" (H251709-06)**

BTX 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>10.2</b>	0.500	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>19.2</b>	0.500	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>109</b>	1.50	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTX</b>	<b>138</b>	3.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 169 % 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
<b>Chloride</b>	<b>6400</b>	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1570</b>	10.0	03/25/2025	ND	197	98.5	200	0.0462	
<b>DRO &gt;C10-C28*</b>	<b>8380</b>	10.0	03/25/2025	ND	186	93.0	200	1.12	
<b>EXT DRO &gt;C28-C36</b>	<b>1200</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 274 % 44.4-145

Surrogate: 1-Chlorooctadecane 181 % 40.6-153

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**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 1-1.5' (H251709-07)**

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.467</b>	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>8.39</b>	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>4.55</b>	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>20.1</b>	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTX</b>	<b>33.5</b>	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 182 % 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
<b>Chloride</b>	<b>608</b>	16.0	03/25/2025	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
<b>GRO C6-C10*</b>	<b>591</b>	10.0	03/25/2025	ND	197	98.5	200	0.0462	
<b>DRO &gt;C10-C28*</b>	<b>2060</b>	10.0	03/25/2025	ND	186	93.0	200	1.12	
<b>EXT DRO &gt;C28-C36</b>	<b>402</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 139 % 44.4-145

Surrogate: 1-Chlorooctadecane 116 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 2-2.5' (H251709-08)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<b>0.110</b>	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<b>0.056</b>	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<b>0.470</b>	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTX	<b>0.635</b>	0.300	03/26/2025	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	<b>128</b>	16.0	03/25/2025	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*	<b>14.9</b>	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	<b>216</b>	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<b>28.9</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.6 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 3-3.5' (H251709-09)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTX	<0.300	0.300	03/26/2025	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	160	16.0	03/25/2025	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	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	25.9	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.1 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 2 4-4.5' (H251709-10)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38		
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459		
Total BTX	<0.300	0.300	03/26/2025	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	112	16.0	03/25/2025	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	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	52.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 99.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.8 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 0-6" (H251709-11)**

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>21.6</b>	1.00	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>145</b>	1.00	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>56.3</b>	1.00	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>241</b>	3.00	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTEX</b>	<b>464</b>	6.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 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
<b>Chloride</b>	<b>6400</b>	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>5290</b>	100	03/26/2025	ND	197	98.5	200	0.0462	
<b>DRO &gt;C10-C28*</b>	<b>16200</b>	100	03/26/2025	ND	186	93.0	200	1.12	
<b>EXT DRO &gt;C28-C36</b>	<b>3030</b>	100	03/26/2025	ND					

Surrogate: 1-Chlorooctane 594 % 44.4-145

Surrogate: 1-Chlorooctadecane 339 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 1-1.5' (H251709-12)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.130</b>	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>0.736</b>	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>0.309</b>	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>2.36</b>	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTX</b>	<b>3.54</b>	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 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
<b>Chloride</b>	<b>320</b>	16.0	03/25/2025	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
<b>GRO C6-C10*</b>	<b>35.5</b>	10.0	03/25/2025	ND	197	98.5	200	0.0462	
<b>DRO &gt;C10-C28*</b>	<b>489</b>	10.0	03/25/2025	ND	186	93.0	200	1.12	
<b>EXT DRO &gt;C28-C36</b>	<b>89.0</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.0 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 2-2.5' (H251709-13)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38		
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459		
Total BTX	<0.300	0.300	03/26/2025	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	160	16.0	03/25/2025	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	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	15.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.2 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 3-3.5' (H251709-14)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTX	<0.300	0.300	03/26/2025	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	208	16.0	03/25/2025	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	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 3 4-4.5' (H251709-15)**

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	03/26/2025	ND	1.89	94.7	2.00	2.38		
Toluene*	0.054	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429		
Total Xylenes*	0.172	0.150	03/26/2025	ND	6.06	101	6.00	0.459		
Total BTX	<0.300	0.300	03/26/2025	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	448	16.0	03/25/2025	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	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	115	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	19.5	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 80.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.1 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 0-6" (H251709-16)**

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>21.6</b>	1.00	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>130</b>	1.00	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>49.1</b>	1.00	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>218</b>	3.00	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTX</b>	<b>418</b>	6.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 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
<b>Chloride</b>	<b>12200</b>	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>4370</b>	100	03/26/2025	ND	190	95.2	200	0.102	
<b>DRO &gt;C10-C28*</b>	<b>20400</b>	100	03/26/2025	ND	171	85.6	200	2.26	
<b>EXT DRO &gt;C28-C36</b>	<b>4290</b>	100	03/26/2025	ND					

Surrogate: 1-Chlorooctane 192 % 44.4-145

Surrogate: 1-Chlorooctadecane 318 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 1-1.5' (H251709-17)**

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.096</b>	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
<b>Toluene*</b>	<b>1.13</b>	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
<b>Ethylbenzene*</b>	<b>0.779</b>	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
<b>Total Xylenes*</b>	<b>5.10</b>	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
<b>Total BTEX</b>	<b>7.10</b>	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 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
<b>Chloride</b>	<b>1180</b>	16.0	03/25/2025	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
<b>GRO C6-C10*</b>	<b>122</b>	10.0	03/25/2025	ND	190	95.2	200	0.102	
<b>DRO &gt;C10-C28*</b>	<b>1110</b>	10.0	03/25/2025	ND	171	85.6	200	2.26	
<b>EXT DRO &gt;C28-C36</b>	<b>228</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 2-2.5' (H251709-18)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.198	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEx	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	288	16.0	03/25/2025	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	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	132	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	28.8	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 3-3.5' (H251709-19)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93		
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63		
Total BTX	<0.300	0.300	03/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	03/25/2025	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	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.8 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 4-4.5' (H251709-20)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.156	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.128	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.778	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	1.06	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	608	16.0	03/25/2025	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*	21.9	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	290	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	55.4	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 0-6" (H251709-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	27.5	2.00	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	16.2	2.00	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	74.4	6.00	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	118	12.0	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	1200	16.0	03/25/2025	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*	1470	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	4040	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	742	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 142 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.5 % 40.6-153

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**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 1-1.5' (H251709-22)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<b>0.171</b>	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<b>0.118</b>	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<b>0.640</b>	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<b>0.929</b>	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<b>176</b>	16.0	03/25/2025	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*	<b>14.8</b>	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	<b>192</b>	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<b>34.1</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 2-2.5' (H251709-23)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
<b>Toluene*</b>	<b>0.345</b>	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
<b>Ethylbenzene*</b>	<b>0.369</b>	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
<b>Total Xylenes*</b>	<b>2.04</b>	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
<b>Total BTX</b>	<b>2.76</b>	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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
<b>Chloride</b>	<b>1540</b>	16.0	03/25/2025	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
<b>GRO C6-C10*</b>	<b>66.8</b>	10.0	03/25/2025	ND	190	95.2	200	0.102	
<b>DRO &gt;C10-C28*</b>	<b>633</b>	10.0	03/25/2025	ND	171	85.6	200	2.26	
<b>EXT DRO &gt;C28-C36</b>	<b>131</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.9 % 40.6-153

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**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 3-3.5' (H251709-24)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.074	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.091	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.624	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTX	0.789	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	896	16.0	03/25/2025	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*	19.8	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	428	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	88.3	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.0 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 5 4-4.5' (H251709-25)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	03/25/2025	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	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	34.8	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 0-6" (H251709-26)**

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	03/27/2025	ND	1.97	98.5	2.00	3.93	
<b>Toluene*</b>	<b>0.687</b>	0.050	03/27/2025	ND	2.03	102	2.00	0.633	
<b>Ethylbenzene*</b>	<b>1.14</b>	0.050	03/27/2025	ND	2.27	114	2.00	2.45	
<b>Total Xylenes*</b>	<b>7.41</b>	0.150	03/27/2025	ND	6.85	114	6.00	2.63	
<b>Total BTEX</b>	<b>9.24</b>	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 160 % 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
<b>Chloride</b>	<b>11000</b>	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>341</b>	100	03/26/2025	ND	190	95.2	200	0.102	
<b>DRO &gt;C10-C28*</b>	<b>26900</b>	100	03/26/2025	ND	171	85.6	200	2.26	
<b>EXT DRO &gt;C28-C36</b>	<b>7270</b>	100	03/26/2025	ND					

Surrogate: 1-Chlorooctane 123 % 44.4-145

Surrogate: 1-Chlorooctadecane 541 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 1-1.5' (H251709-27)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTX	<0.300	0.300	03/26/2025	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	96.0	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	18.2	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.0 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 2-2.5' (H251709-28)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.093</b>	0.050	03/27/2025	ND	1.97	98.5	2.00	3.93	
<b>Toluene*</b>	<b>2.14</b>	0.050	03/27/2025	ND	2.03	102	2.00	0.633	
<b>Ethylbenzene*</b>	<b>1.73</b>	0.050	03/27/2025	ND	2.27	114	2.00	2.45	
<b>Total Xylenes*</b>	<b>9.00</b>	0.150	03/27/2025	ND	6.85	114	6.00	2.63	
<b>Total BTEX</b>	<b>13.0</b>	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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
<b>Chloride</b>	<b>448</b>	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>177</b>	10.0	03/25/2025	ND	190	95.2	200	0.102	
<b>DRO &gt;C10-C28*</b>	<b>1470</b>	10.0	03/25/2025	ND	171	85.6	200	2.26	
<b>EXT DRO &gt;C28-C36</b>	<b>308</b>	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 3-3.5' (H251709-29)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.155	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.152	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.952	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	1.26	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	400	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.4	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	649	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	184	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.4 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 6 4-4.5' (H251709-30)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTX	<0.300	0.300	03/26/2025	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	192	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	51.6	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	19.2	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.6 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 1 0-6" (H251709-31)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEx	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	26.3	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	13.4	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 65.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.6 % 40.6-153

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**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 2 0-6" (H251709-32)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93		
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63		
Total BTEX	<0.300	0.300	03/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	97.3	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	45.1	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 3 0-6" (H251709-33)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93		
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63		
Total BTEX	<0.300	0.300	03/26/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	29.9	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	10.5	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 4 0-6" (H251709-34)**

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	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEx	<0.300	0.300	03/26/2025	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	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	130	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	32.9	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 62.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.1 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 5 0-6" (H251709-35)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEx	<0.300	0.300	03/26/2025	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	416	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	87.2	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	21.8	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 67.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.4 % 40.6-153

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**Analytical Results For:**

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

Received: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 6 0-6" (H251709-36)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEx	<0.300	0.300	03/26/2025	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	384	16.0	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	97.4	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	27.6	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.3 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 7 0-6" (H251709-37)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93		
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63		
Total BTEx	<0.300	0.300	03/26/2025	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	560	16.0	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	178	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	58.9	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 72.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.7 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 8 0-6" (H251709-38)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	2.08	104	2.00	10.7	
Toluene*	<0.050	0.050	03/26/2025	ND	2.12	106	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	113	2.00	2.41	QM-07
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.93	116	6.00	2.38	QM-07
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 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	448	16.0	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	140	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	39.4	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 9 0-6" (H251709-39)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2025	ND	2.08	104	2.00	10.7		
Toluene*	<0.050	0.050	03/26/2025	ND	2.12	106	2.00	4.41		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	113	2.00	2.41		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.93	116	6.00	2.38		
Total BTEx	<0.300	0.300	03/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 131 % 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	384	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	75.7	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	14.7	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.8 % 40.6-153

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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: 03/24/2025  
 Reported: 03/28/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 03/24/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 10 0-6" (H251709-40)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	2.08	104	2.00	10.7	
Toluene*	<0.050	0.050	03/26/2025	ND	2.12	106	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	113	2.00	2.41	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.93	116	6.00	2.38	
Total BTEx	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	03/25/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	73.7	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	19.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.1 % 40.6-153

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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

## 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

[illegible]





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name:	UTG-E	BILL TO	ANALYSIS REQUEST
Project Manager: Ethun Sessums		P.O. #: 21510171	
Address: 309 W. Mulkey St.		Company: Beuv	
City: Carlsbad		Attn: Jim Paley	
State: NM Zip: 88220		Address:	
Phone #: 254-266-5456 Fax #:		City:	
Project #: 254740 Project Owner: Beuv		State:	
Project Name: Bandung Raider 6-7 Feb Com All		Zip:	
Project Location: Lea Co, NM		Phone #:	
Fax #:			
Sampler Name: Lemay Hen		Fax #:	
FOR LAB USE ONLY		MATRIX	SAMPLING
		GROUNDEWATER	
		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER :	
(G)RAB OR (C)OMP.		ACID/BASE:	
# CONTAINERS		ICE / COOL	
		OTHER :	
DATE TIME			
Lab I.D.			BTEX TPH Chloride
Sample I.D.			
H-S1709			
31 H-1	D-6"	X	
32 H-2			
33 H-3			
34 H-4			
35 H-5			
36 H-6			
37 H-7			
38 H-8			
39 H-9			
40 H-10			
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Relinquished By:		Date: 3/24/25	Received By: Stockingway
Time: 1348			
Date:			
Relinquished By:		Received By:	
Time:			
Delivered By: (Circle One)		Observed Temp. °C: 3.4	Sample Condition Cool Intact Yes No
Corrected Temp. °C: 3.7			CHECKED BY: (Initials) SKL
Turnaround Time:		Standard Rush Add'l Phone #:	Bacteria (only) Sample Condition Observed Temp. °C Corrected Temp. °C
Thermometer ID #140 Correction Factor +0.3°C			
REMARKS:			
Verbal Result: Yes No Add'l Phone #:			
All Results are emailed. Please provide Email address:			

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



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

June 19, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED 211H

Enclosed are the results of analyses for samples received by the laboratory on 06/17/25 9:55.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 1 (H253586-01)**

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	06/17/2025	ND	2.04	102	2.00	13.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18	
Total BTX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/17/2025	ND	464	116	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 93.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.1 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 2 (H253586-02)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/17/2025	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	90.3	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	39.3	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 3 (H253586-03)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/17/2025	ND	464	116	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 98.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 4 (H253586-04)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	859	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	244	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 5 (H253586-05)**

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	06/17/2025	ND	2.04	102	2.00	13.1	
Toluene*	0.052	0.050	06/17/2025	ND	2.05	103	2.00	9.69	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18	
Total BTEX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	297	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	150	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 98.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 6 (H253586-06)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.132	0.050	06/17/2025	ND	2.04	102	2.00	13.1	
Toluene*	0.343	0.050	06/17/2025	ND	2.05	103	2.00	9.69	
Ethylbenzene*	0.052	0.050	06/17/2025	ND	2.10	105	2.00	8.60	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18	
Total BTX	0.527	0.300	06/17/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/18/2025	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	06/18/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	<10.0	10.0	06/18/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 7 (H253586-07)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	311	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	122	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 8 (H253586-08)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	75.6	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	35.6	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 113 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 9 (H253586-09)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	124	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	40.1	10.0	06/17/2025	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  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 10 (H253586-10)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	29.0	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	14.5	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 112 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 11 (H253586-11)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	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	16.0	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 12 (H253586-12)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	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	320	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	11.7	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.0 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 13 (H253586-13)**

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	06/17/2025	ND	2.04	102	2.00	13.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18	
Total BTX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	32.7	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	11.4	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.4 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 14 (H253586-14)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/18/2025	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	06/17/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	229	10.0	06/17/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	66.2	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 15 (H253586-15)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/18/2025	ND	400	100	400	3.92	

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	06/18/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	4280	10.0	06/18/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	1100	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 226 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 16 (H253586-16)**

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	06/17/2025	ND	2.04	102	2.00	13.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18	
Total BTEX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/18/2025	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	06/18/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	135	10.0	06/18/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	64.2	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.4 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 17 (H253586-17)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/18/2025	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	06/18/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	68.1	10.0	06/18/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	24.4	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 18 (H253586-18)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	06/18/2025	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	06/18/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	129	10.0	06/18/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	62.1	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.7 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 19 (H253586-19)**

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	06/17/2025	ND	2.04	102	2.00	13.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.05	103	2.00	9.69		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.10	105	2.00	8.60		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.18	103	6.00	8.18		
Total BTX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/18/2025	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	06/18/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	<10.0	10.0	06/18/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 20 (H253586-20)**

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	06/17/2025	ND	2.04	102	2.00	13.1	
Toluene*	0.128	0.050	06/17/2025	ND	2.05	103	2.00	9.69	
Ethylbenzene*	0.299	0.050	06/17/2025	ND	2.10	105	2.00	8.60	
Total Xylenes*	1.67	0.150	06/17/2025	ND	6.18	103	6.00	8.18	
Total BTEX	2.10	0.300	06/17/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	06/18/2025	ND	400	100	400	3.92		

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*	48.7	10.0	06/18/2025	ND	214	107	200	0.0476	
DRO >C10-C28*	3170	10.0	06/18/2025	ND	204	102	200	3.29	
EXT DRO >C28-C36	709	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 162 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 21 (H253586-21)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEx	<0.300	0.300	06/17/2025	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	16.0	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	921	10.0	06/17/2025	ND	185	92.3	200	2.82	QM-07
EXT DRO >C28-C36	145	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 22 (H253586-22)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
<b>DRO &gt;C10-C28*</b>	<b>15.8</b>	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 23 (H253586-23)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
<b>DRO &gt;C10-C28*</b>	<b>25.6</b>	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 24 (H253586-24)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEx	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 25 (H253586-25)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	69.1	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	20.7	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.7 % 40.6-153

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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  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 26 (H253586-26)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	46.8	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	11.3	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 62.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 27 (H253586-27)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEx	<0.300	0.300	06/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: CS - 28 (H253586-28)**

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	06/17/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/17/2025	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	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 1 (H253586-29)**

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	06/17/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99	
Total BTEx	<0.300	0.300	06/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	240	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	<10.0	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.2 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 2 (H253586-30)**

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	06/17/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99	
Total BTEx	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	1190	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	346	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 67.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 3 (H253586-31)**

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	06/17/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99	
Total BTEX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	18.0	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 74.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.6 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 4 (H253586-32)**

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	06/17/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99	
Total BTEx	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	13.2	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 5 (H253586-33)**

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	06/17/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/17/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/17/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/17/2025	ND	6.11	102	6.00	7.99	
Total BTEX	<0.300	0.300	06/17/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	06/18/2025	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	06/17/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	38.5	10.0	06/17/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	11.2	10.0	06/17/2025	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.4 % 40.6-153

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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  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 6 (H253586-34)**

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	06/18/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/18/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/18/2025	ND	6.11	102	6.00	7.99	
Total BTEx	<0.300	0.300	06/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/18/2025	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	06/18/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	650	10.0	06/18/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	150	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 7 (H253586-35)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/18/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/18/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/18/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1870	16.0	06/18/2025	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	06/18/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	4480	10.0	06/18/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	1070	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 206 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 8 (H253586-36)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/18/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/18/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/18/2025	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	06/18/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	37.3	10.0	06/18/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	14.5	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 72.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 9 (H253586-37)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/18/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/18/2025	ND	6.11	102	6.00	7.99	
Total BTEx	<0.300	0.300	06/18/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/18/2025	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	06/18/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	231	10.0	06/18/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	45.9	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 10 (H253586-38)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/18/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/18/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/18/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1580	16.0	06/18/2025	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	06/18/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	291	10.0	06/18/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	92.6	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 11 (H253586-39)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/18/2025	ND	2.05	102	2.00	12.1	
Toluene*	<0.050	0.050	06/18/2025	ND	2.19	110	2.00	9.57	
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	2.03	102	2.00	8.31	
Total Xylenes*	<0.150	0.150	06/18/2025	ND	6.11	102	6.00	7.99	
Total BTEX	<0.300	0.300	06/18/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/18/2025	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	06/18/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	39.7	10.0	06/18/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	11.0	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 71.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.7 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 12 (H253586-40)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2025	ND	2.05	102	2.00	12.1		
Toluene*	<0.050	0.050	06/18/2025	ND	2.19	110	2.00	9.57		
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	2.03	102	2.00	8.31		
Total Xylenes*	<0.150	0.150	06/18/2025	ND	6.11	102	6.00	7.99		
Total BTEX	<0.300	0.300	06/18/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/18/2025	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	06/18/2025	ND	188	93.9	200	1.10	
DRO >C10-C28*	87.2	10.0	06/18/2025	ND	185	92.3	200	2.82	
EXT DRO >C28-C36	10.2	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.9 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/17/2025	Sampling Date:	06/16/2025
Reported:	06/19/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211H	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

**Sample ID: SW - 13 (H253586-41)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2025	ND	2.04	102	2.00	10.6		
Toluene*	<0.050	0.050	06/18/2025	ND	2.15	108	2.00	7.33		
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	1.94	97.2	2.00	6.24		
Total Xylenes*	<0.150	0.150	06/18/2025	ND	5.82	97.0	6.00	6.12		
Total BTEX	<0.300	0.300	06/18/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/18/2025	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	06/18/2025	ND	203	101	200	0.959	
DRO >C10-C28*	<10.0	10.0	06/18/2025	ND	195	97.4	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 14 (H253586-42)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2025	ND	2.04	102	2.00	10.6		
Toluene*	<0.050	0.050	06/18/2025	ND	2.15	108	2.00	7.33		
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	1.94	97.2	2.00	6.24		
Total Xylenes*	<0.150	0.150	06/18/2025	ND	5.82	97.0	6.00	6.12		
Total BTEx	<0.300	0.300	06/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	06/18/2025	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	06/18/2025	ND	203	101	200	0.959	
DRO >C10-C28*	<10.0	10.0	06/18/2025	ND	195	97.4	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

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  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/17/2025  
 Reported: 06/19/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 06/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 15 (H253586-43)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/18/2025	ND	2.04	102	2.00	10.6		
Toluene*	<0.050	0.050	06/18/2025	ND	2.15	108	2.00	7.33		
Ethylbenzene*	<0.050	0.050	06/18/2025	ND	1.94	97.2	2.00	6.24		
Total Xylenes*	<0.150	0.150	06/18/2025	ND	5.82	97.0	6.00	6.12		
Total BTEX	<0.300	0.300	06/18/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/18/2025	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	06/18/2025	ND	203	101	200	0.959	
DRO >C10-C28*	<10.0	10.0	06/18/2025	ND	195	97.4	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	06/18/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager



## Chain of Custody

**Work Order No:**

Page 1 of 5



Project Manager:	Kellan Smith		Bill to: (if different)	
Company Name:	NTG Environmental		Company Name:	
Address:	13212 N MacArthur Blvd		Address:	
City, State ZIP:	Oklahoma City, OK		City, State ZIP:	
Phone:			Email:	

<div style="text-align: right;">Page <u>1</u> of <u>5</u></div> <div style="text-align: center;"><b>Work Order Comments</b></div>			
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"/> FRRP <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 211H		Turn Around				ANALYSIS REQUEST										Preservative Codes			
Project Number:		259740		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code															
Project Location		Lea County, NM		Due Date:		48hrs															
Sampler's Name:		Clayton T.		TAT starts the day received by the lab, if received by 4:30pm																	
PO #:		21510171																			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No													
Received Intact:		Yes No		Thermometer ID:		#140															
Cooler Custody Seals:		Yes No N/A		Correction Factor:		+0.3°C															
Sample Custody Seals:		Yes No N/A		Temperature Reading:		= 1.3°C															
Total Containers:		43		Corrected Temperature:		-1.0°C															
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD										None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
																	Sample Comments				
CS-1		6/16/2025		X		Comp	1	X	X	X											
CS-2		6/16/2025		X		Comp	1	X	X	X											
CS-3		6/16/2025		X		Comp	1	X	X	X											
CS-4		6/16/2025		X		Comp	1	X	X	X											
CS-5		6/16/2025		X		Comp	1	X	X	X											
CS-6		6/16/2025		X		Comp	1	X	X	X											
CS-7		6/16/2025		X		Comp	1	X	X	X											
CS-8		6/16/2025		X		Comp	1	X	X	X											
CS-9		6/16/2025		X		Comp	1	X	X	X											
CS-10		6/16/2025		X		Comp	1	X	X	X											

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1				6-17-25 0955	2				
3					4				
5					6				



## Chain of Custody

Work Order No: H253586Page 2 of 5

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK	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"/> FRRP <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 211H		Turn Around		ANALYSIS REQUEST																Preservative Codes				
Project Number:	259740		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																	None: NO DI Water: H <sub>2</sub> O			
Project Location	Lea County, NM		Due Date:	48hrs	Parameters																	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 <sub>3</sub> : HN			
PO #:	21510171																					H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:		Yes No																	H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:	Yes No	Thermometer ID:	#140		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																	NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes No	Correction Factor:	+0.3°C																			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes No	Temperature Reading:	-1.3°C																			Zn Acetate+NaOH: Zn			
Total Containers:	43	Corrected Temperature:	-1.0°C																			NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments	
CS-11		6/16/2025		X		Comp	1	X	X	X															
CS-12		6/16/2025		X		Comp	1	X	X	X															
CS-13		6/16/2025		X		Comp	1	X	X	X															
CS-14		6/16/2025		X		Comp	1	X	X	X															
CS-15		6/16/2025		X		Comp	1	X	X	X															
CS-16		6/16/2025		X		Comp	1	X	X	X															
CS-17		6/16/2025		X		Comp	1	X	X	X															
CS-18		6/16/2025		X		Comp	1	X	X	X															
CS-19		6/16/2025		X		Comp	1	X	X	X															
CS-20		6/16/2025		X		Comp	1	X	X	X															

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	6-17-25 0955	2		
3			4		
5			6		



## Chain of Custody

Work Order No:

H25 3584

Page 3 of 5

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK	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"/> FRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Boundary Raider 6-7 Fed Com 211H		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes			
Project Number:	259740		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC		
Project Location:	Lea County, NM		Due Date:																				48hrs		
Sampler's Name:	Clayton T.		TAT starts the day received by the lab, if received by 4:30pm																						
PO #:	21510171																								
SAMPLE RECEIPT				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																		
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140																			
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	+0.3°C																			
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-1.3°C																			
Total Containers:				43		Corrected Temperature:	-1.0°C																		
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments	
CS-21		6/16/2025		X		Comp	1	X	X	X															
CS-22		6/16/2025		X		Comp	1	X	X	X															
CS-23		6/16/2025		X		Comp	1	X	X	X															
CS-24		6/16/2025		X		Comp	1	X	X	X															
CS-25		6/16/2025		X		Comp	1	X	X	X															
CS-26		6/16/2025		X		Comp	1	X	X	X															
CS-27		6/16/2025		X		Comp	1	X	X	X															
CS-28		6/16/2025		X		Comp	1	X	X	X															
SW-1		6/16/2025		X		Comp	1	X	X	X															
SW-2		6/16/2025		X		Comp	1	X	X	X															

Additional Comments:

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1			2		
3			4		
5			6		



## Chain of Custody

Work Order No: 4253886

Page 4 of 5

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK	City, State ZIP:	
Phone:		Email:	

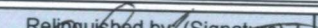
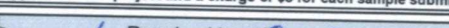
Page 4 of 5

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

[illegible]

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1				10-17-25 0955	2		
3				4			
5				6			



## Chain of Custody

Work Order No: H253586

Page 5 of 5

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK	City, State ZIP:	
Phone:		Email:	

Page <u>5</u> of <u>5</u>	
<b>Work Order Comments</b>	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

[illegible]

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1				10-17-25 09:55	2		
3					4		
5					6		



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

July 11, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED 211H

Enclosed are the results of analyses for samples received by the laboratory on 07/09/25 14:03.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/09/2025  
 Reported: 07/11/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 07/09/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 15 (H254087-01)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2025	ND	1.99	99.7	2.00	9.83	
Toluene*	<0.050	0.050	07/09/2025	ND	2.10	105	2.00	7.89	
Ethylbenzene*	<0.050	0.050	07/09/2025	ND	1.93	96.5	2.00	8.61	
Total Xylenes*	<0.150	0.150	07/09/2025	ND	5.77	96.2	6.00	7.89	
Total BTEX	<0.300	0.300	07/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	480	16.0	07/10/2025	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	07/09/2025	ND	191	95.4	200	1.43	
DRO >C10-C28*	27.2	10.0	07/09/2025	ND	212	106	200	1.37	
EXT DRO >C28-C36	10.5	10.0	07/09/2025	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.5 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/09/2025  
 Reported: 07/11/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 07/09/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 20 (H254087-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2025	ND	1.99	99.7	2.00	9.83		
Toluene*	<0.050	0.050	07/09/2025	ND	2.10	105	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/09/2025	ND	1.93	96.5	2.00	8.61		
Total Xylenes*	<0.150	0.150	07/09/2025	ND	5.77	96.2	6.00	7.89		
Total BTEX	<0.300	0.300	07/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	32.0	16.0	07/10/2025	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	07/09/2025	ND	191	95.4	200	1.43	
DRO >C10-C28*	149	10.0	07/09/2025	ND	212	106	200	1.37	
EXT DRO >C28-C36	66.0	10.0	07/09/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/09/2025  
 Reported: 07/11/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 07/09/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 5A (H254087-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2025	ND	1.99	99.7	2.00	9.83		
Toluene*	<0.050	0.050	07/09/2025	ND	2.10	105	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/09/2025	ND	1.93	96.5	2.00	8.61		
Total Xylenes*	<0.150	0.150	07/09/2025	ND	5.77	96.2	6.00	7.89		
Total BTEx	<0.300	0.300	07/09/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/10/2025	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	07/09/2025	ND	191	95.4	200	1.43	
DRO >C10-C28*	<10.0	10.0	07/09/2025	ND	212	106	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/09/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/09/2025  
 Reported: 07/11/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 07/09/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 16 (H254087-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2025	ND	1.99	99.7	2.00	9.83		
Toluene*	<0.050	0.050	07/09/2025	ND	2.10	105	2.00	7.89		
Ethylbenzene*	<0.050	0.050	07/09/2025	ND	1.93	96.5	2.00	8.61		
Total Xylenes*	<0.150	0.150	07/09/2025	ND	5.77	96.2	6.00	7.89		
Total BTEX	<0.300	0.300	07/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	32.0	16.0	07/10/2025	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	07/09/2025	ND	191	95.4	200	1.43	
DRO >C10-C28*	<10.0	10.0	07/09/2025	ND	212	106	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/09/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

---

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

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: HAS4087

Page 1 of 1

Project Manager:	Kellan Smith	Bill to: (if different)	Jim Raley
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	13212 N MacArthur Blvd	Address:	5315 Buena Vista Dr.
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	Carlsbad, NM 88220
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:	Boundary Raider 6-7 Federal Com #211H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	259740	Due Date:	48hrs														None: NO DI Water: H <sub>2</sub> O				
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool MeOH: Me				
Sampler's Name:	Ethan Rugg																HCL: HC HNO <sub>3</sub> : HN				
PO #:	21510171																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na				
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP			
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140													NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	10.3													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.3													Zn Acetate+NaOH: Zn					
Total Containers:	4	Corrected Temperature:	1.4													NaOH+Ascorbic Acid: SAPC					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-15		7/9/2025		X		Comp	1	X	X	X							1				
CS-20		7/9/2025		X		Comp	1	X	X	X							2				
SW-5A		7/9/2025		X		Comp	1	X	X	X							3				
SW-16		7/9/2025		X		Comp	1	X	X	X							4				

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <u>Ethan Rugg</u>	<u>Ethan Rugg</u>	7/9/25 1432			
3					
5					



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

July 17, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED 211H

Enclosed are the results of analyses for samples received by the laboratory on 07/16/25 12:27.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 KELLAN SMITH  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 07/16/2025  
 Reported: 07/17/2025  
 Project Name: BOUNDARY RAIDER 6 - 7 FED 211H  
 Project Number: 259740  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 07/16/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 11 0 - .5 (H254242-01)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/16/2025	ND	2.17	109	2.00	1.25		
Toluene*	<0.050	0.050	07/16/2025	ND	2.09	104	2.00	1.52		
Ethylbenzene*	<0.050	0.050	07/16/2025	ND	2.07	104	2.00	1.53		
Total Xylenes*	<0.150	0.150	07/16/2025	ND	6.46	108	6.00	1.05		
Total BTEx	<0.300	0.300	07/16/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/17/2025	ND	480	120	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2025	ND	191	95.3	200	4.79	
DRO >C10-C28*	<10.0	10.0	07/16/2025	ND	181	90.3	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	07/16/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

---

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

---

Celey D. Keene, Lab Director/Quality Manager



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Page 4 of 4

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 493344

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493344
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2504130500
Incident Name	NAPP2504130500 BOUNDARY RAIDER 6 7 FEDERAL COM #211H @ 30-025-44145
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Well	[30-025-44145] BOUNDARY RAIDER 6 7 FEDERAL COM #211H

**Location of Release Source***Please answer all the questions in this group.*

Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #211H
Date Release Discovered	02/07/2025
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: 21 BBL   Recovered: 20 BBL   Lost: 1 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 failure released fluids to pad surface.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 493344

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493344
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
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@dvn.com Date: 08/07/2025
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 493344

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493344
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	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	Between 1 and 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

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	12200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	34511
GRO+DRO (EPA SW-846 Method 8015M)	27241
BTEX (EPA SW-846 Method 8021B or 8260B)	464
Benzene (EPA SW-846 Method 8021B or 8260B)	21.6
<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	05/19/2025
On what date will (or did) the final sampling or liner inspection occur	05/23/2025
On what date will (or was) the remediation complete(d)	05/30/2025
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	5268
What is the estimated volume (in cubic yards) that will be remediated	329
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 493344

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493344
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 493344

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493344
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Pumpjack and wellhead
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	873
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	50
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-44145 BOUNDARY RAIDER 6 7 FEDERAL COM #211H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 08/07/2025

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QUESTIONS, Page 6

Action 493344

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493344
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	481472
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/09/2025
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	600

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 493344

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 493344
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of SW-2, SW-7 and SW-10 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	8/13/2025