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February 14, 2025

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

Re: Site Characterization and Remediation Work Plan
Devon Energy Production Company
Snapping 10 Fed 1 Battery
Unit H, Section 10, Township 26S, Range 31E
Site Coordinates: 32.05936073, -103.759499
Eddy County, New Mexico
Incident ID: nAPP2419429665

Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the release number: nAPP2419429665 – Snapping 10 Fed 1 Battery (Site). The Site is in Unit Letter H, Section 10, of Township 26 South and Range 31 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.05936073° N latitude and 103.759499° 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 Release Notification C-141 Form, the release was discovered on July 12, 2024, and was due to an equipment failure. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately ninety-five (95) barrels (bbls) of produced water of which fifty (50) were recovered for an approximate net loss of forty-five (45) bbls of produced water. The release area is shown on Figure 3.

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Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one (1) water well (C-04700), within a ½-mile radius of the Site, drilled in 2023 to a reported depth of fifty-five (55) feet (ft) below ground surface (bgs) where no water was encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a medium Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Medium 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)	GRO+DRO	BTEX	Benzene
19.15.23.13 Restoration, Reclamation and Re-Vegetation (0<4 ft bgs)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 ft bgs)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Special Status Plant Species Review

Survey

Field survey efforts (presence/absence survey) for Scheer's Beehive Cactus took place on July 18, 2024, by CFO special status plant species (SSPS) certified NTGE botanist Jillian Smiley. The SSPS survey was triggered by pending remedial action activities at the Site. The proposed area of disturbance is 1,270 square meters. A 200 meter required buffer area for major industrial/commercial developed sites (i.e., mineral pits, ponds, flares, CTB, and well pads) was placed around the proposed area of disturbance. 5,277 square meters within the buffer area were left un-surveyed due to a well pad. The total area surveyed consisted of 119,470 square meters. Transects were spaced 20 meters apart as per protocol for SSPS potential/suitable habitat. The BLM data schema was used to confirm that there were no known occurrences within the survey area. Survey extent and planned transect lines can be seen on Figure 5. Actualized survey tracks can be seen on Figure 6. Habitat images are attached at the end of the report.

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Survey Results

The survey resulted in a negative presence (absence) of Scheer's Beehive Cactus. No similar species (i.e., *Coryphantha robustispina ssp.*) were located within the survey area as well. Disturbance factors such as industrial development, roadways, livestock grazing, fences, and pipeline right-of-ways were evident throughout the survey space. Much of the Site lacked calcareous, loamy soils favored by Scheer's Beehive Cactus. Evidence of heavy erosion was seen throughout the Site, as well as large populations of *Prosopis glandulosa*.

Initial Soil Delineation Assessment Summary and Findings

On July 22, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Ten (10) vertical sample points (S-1 through S-10) were installed within the release area, while eighteen (18) horizontal sample points (H-1 through H-18) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) foot (ft) intervals from depths ranging from zero (0) to four and a half (4.5) ft bgs (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings 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). Analytical results indicated that BTEX, TPH, and/or chloride concentrations exceeded NMOCD regulatory limits in the areas of S-1 through S-9 at various depths. Furthermore, horizontal delineation samples H-2, H-3, H-15, H-16, H-17, and H-18 exhibited elevated concentrations of TPH and/or chloride at depths ranging from surface (0) to a half-foot (0.5) ft bgs. All other samples were below NMOCD regulatory limits.

On August 23, 2024, NTGE returned to the Site to continue with the vertical and horizontal delineation assessment of the release. A total of six (6) test pits (TP-1 through TP-6) were installed within the release area and samples were collected at half-foot (0.5) ft intervals at depths ranging from one (1) to seven and a half (7.5) ft bgs utilizing mechanical equipment. In addition, six (6) horizontal samples (H-2A, H-3A, H-16A through H-18A) were collected at surface (0) to a half-foot (0.5) and were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that BTEX and/or TPH concentrations exceed NMOCD regulatory limits at TP-1, TP-4, TP-5, and TP-7 at various depths. In addition, horizontal delineation samples H-3A, H-15A, H-16A, and H-17A exhibited elevated concentrations of TPH at depths ranging from surface (0) to a half-foot (0.5) ft bgs. All other samples were below NMOCD regulatory limits.

On September 6, 2024, NTGE returned to the Site to continue with horizontal delineation assessment of the release. A total of four (4) horizontal samples (H-3B, H-15B, H-16B, and H-17B) were collected at surface (0) to a half-foot interval and were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that one sample (H-16B) exhibited TPH concentrations above NMOCD regulatory limits. All other samples were below NMOCD regulatory limits.

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On September 11, 2024, NTGE returned to the Site to continue with the horizontal delineation assessment of the release. A total of one (1) horizontal sample (H-16C) was collected at surface (0) to a half-foot interval and were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that the sample was below NMOCD regulatory limits.

On October 29, 2024, NTGE returned to the Site to continue with the vertical and horizontal delineation assessment of the release. A total of one (1) test pit (TP-5) was reinstalled within the release area and was collected at half-foot (0.5) intervals at depths ranging from seven (7) to eight and a half (8.5) ft bgs. Soil samples were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that all samples were below NMOCD regulatory limits.

On November 20, 2024, NTGE returned to the Site to continue with the vertical and horizontal delineation assessment of the release. A total of three test pits (TP-7 through TP-9) were installed within and adjacent to the release area. Soil samples were collected at one (1) ft intervals ranging from one (1) to fifteen (15) ft bgs utilizing mechanical equipment. Soil samples were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that TP-7 through TP-9 exhibited chloride concentrations above NMOCD regulatory limits ranging from one (1) to nine (9) ft bgs. All other samples were below NMOCD regulatory limits.

Proposed Work Plan

After receiving and evaluating the soil boring and test pits data NTGE proposes to excavate the area TP-8, H-16B, H-17, H-17A, and H-18 to a depth of two (2) ft bgs, areas of S-2, S-3, TP-2, H-2, H-3, H-3A, H-15, H-15A, H-16, and H-16A to a depth of three (3) ft bgs, areas of S-1, S-4, S-5, S-8, S-9, TP-1, TP-3, TP-5 through TP-7 to a depth of four (4) ft bgs, areas of S-7/TP-4 to a depth of seven (7) ft bgs, and areas of TP-9 to a depth of ten (10) ft bgs to ensure that the impacted soil has been removed from the Site. Approximately 3,953 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown on Figure 4.

Upon completion of the excavation, confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl -B. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table I Closure Criteria.

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

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

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

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TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Snapping 10 Fed 1
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 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Vertical Delineation Samples													
S-1	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,150	2,150	415	2,565	1,740
	7/22/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070
	7/22/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
	7/22/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.5	27.5	<10.0	27.5	768
	7/22/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,040
S-2	7/22/2024	0-6"	<0.050	7.25	9.97	85.6	103	1,100	6,410	7,510	873	8,383	624
	7/22/2024	1-1.5'	<0.050	0.099	0.108	1.18	1.39	20.5	314	334.5	51.9	386.4	560
	7/22/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.2	44.2	<10.0	44.2	768
	7/22/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	58.1	58.1	<10.0	58.1	304
	7/22/2024	4-4.5'	<0.050	<0.050	0.196	0.433	0.629	15.7	469	484.7	93.8	578.5	304
S-3	7/22/2024	0-6"	<0.050	21.1	17.9	127	166	690	9,360	10,050	1,750	11,800	1,840
	7/22/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.0	25.0	<10.0	25.0	176
	7/22/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	340	340	63.6	403.6	256
	7/22/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	57.8	57.8	<10.0	57.8	144
	7/22/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	127	127	20.6	147.6	512
S-4	7/22/2024	0-6"	8.78	96.6	70.8	486	662	3,680	10,800	14,480	1,880	16,360	1,120
	7/22/2024	1-1.5'	<0.050	0.263	0.346	2.61	3.21	40.2	354	394.2	68.3	462.5	176
	7/22/2024	2-2.5'	<0.050	0.054	<0.050	0.359	0.413	<10.0	146	146	21.4	167.4	160
	7/22/2024	3-3.5'	0.068	0.902	0.823	7.50	9.29	152	849	1,001	140	1,141	192
	7/22/2024	4-4.5'	<0.050	0.069	0.104	0.743	0.916	20.5	254	274.5	36.1	310.6	176
S-5	7/22/2024	0-6"	10.7	104	41.2	309	465	4,160	19,200	23,360	3,700	27,060	416
	7/22/2024	1-1.5'	0.402	1.14	0.537	1.91	3.99	42.7	111	153.7	32.8	186.5	5,600
	7/22/2024	2-2.5'	<0.050	0.269	0.232	1.76	2.26	27.7	217	244.7	31.2	275.9	1,330
	7/22/2024	3-3.5'	0.635	7.56	4.45	31.5	44.2	503	2,720	3,223	510	3,733	656
	7/22/2024	4-4.5'	<0.050	0.153	0.254	0.936	1.34	16.3	213	229.3	40.4	269.7	176
S-7	7/22/2024	0-6"	7.96	71.0	31.4	203	313	3,340	17,000	20,340	3,560	23,900	448
	7/22/2024	1-1.5'	10.4	91.6	26.3	236	364	3,710	7,170	10,880	1,120	12,000	528
	7/22/2024	2-2.5'	2.74	42.2	14.9	138	198	1,520	3,410	4,930	562	5,492	96.0
	7/22/2024	3-3.5'	0.331	7.26	3.31	32.4	43.3	595	2,170	2,765	384	3,149	176
	7/22/2024	4-4.5'	0.158	3.47	1.60	16.2	21.4	218	1,040	1,258	174	1,432	224
S-8	7/22/2024	0-6"	2.54	14.0	7.26	29.9	53.8	2,540	12,000	14,540	2,030	16,570	32.0
	7/22/2024	1-1.5'	13.1	88.4	19.3	171	292	2,710	4,010	6,720	704	7,424	144
	7/22/2024	2-2.5'	1.93	13.9	3.30	29.4	48.5	274	1,060	1,334	199	1,533	3,280
	7/22/2024	3-3.5'	1.96	21.7	7.00	60.8	91.5	1,010	5,940	6,950	1,070	8,020	800
S-9	7/22/2024	0-6"	<0.050	0.182	0.062	0.594	0.839	15.5	1,950	1965.5	605	2570.5	64.0
S-10	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-1	8/23/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
	8/23/2024	6-6.5'	<0.050	<0.050	0.245	2.84	3.09	29.9	312	341.9	39.3	381.2	320
	8/23/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
TP-2	8/23/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
	8/23/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
TP-3	8/23/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224

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Devon Energy Production Company
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Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
TP-4	8/23/2024	5-5.5'	<0.050	0.081	0.137	1.59	1.81	38.8	311	349.8	42.7	392.5	640
	8/23/2024	6-6.5'	<0.050	0.349	0.487	4.23	5.06	227	1,010	1,237	157	1,394	528
	8/23/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-5	8/23/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/23/2024	6-6.5'	<0.050	0.091	<0.050	<0.150	<0.300	<10.0	93.1	93.1	32.0	125.1	48.0
	10/29/2024	7-7.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	<10.1
	10/29/2024	8-8.5'	<0.00200	<0.00200	0.00256	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	23.8
TP-6	8/23/2024	1-1.5'	<1.00	33.3	18.5	146	198	2,340	5,750	8,090	961	9,051	160
	8/23/2024	2-2.5'	<0.050	1.22	1.34	11.5	14.1	303	1,180	1,483	182	1,665	272
	8/23/2024	3-3.5'	<0.050	0.340	0.496	3.47	43.1	94.9	431	525.9	47.2	573.1	384
	8/23/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
	8/23/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
	8/23/2024	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-7	11/20/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,600
	11/20/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,470
	11/20/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,320
	11/20/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,960
	11/20/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,040
	11/20/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,960
	11/20/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,880
	11/20/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,840
	11/20/2024	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,920
	11/20/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,560
	11/20/2024	12	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,480
	11/20/2024	13	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,200
	11/20/2024	14	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,340
	11/20/2024	15	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
TP-8	11/20/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	42.2	42.2	<10.0	42.2	2,960
	11/20/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
	11/20/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
	11/20/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

Table 1
Summary of Soil Analytical Data - Delineation Samples
Snapping 10 Fed 1
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
TP-9	11/20/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,800
	11/20/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,080
	11/20/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,240
	11/20/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,000
	11/20/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,000
	11/20/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,000
	11/20/2024	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	14,200
	11/20/2024	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	17,200
	11/20/2024	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,600
	11/20/2024	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,160
	11/20/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,360
	11/20/2024	12	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,480
	11/20/2024	13	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,640
	11/20/2024	14	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,000
	11/20/2024	15	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,600
Horizontal Delineation Samples													
H-1	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-2	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	252	252	86.6	338.6	48.0
H-2A	8/23/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-3	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	103	103	61.7	164.7	<16.0
H-3A	8/23/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	141	141	110	251	96.0
H-3B	9/6/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-4	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-5	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-6	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-7	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-8	7/22/2024	0-6"	<0.050	0.141	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-9	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-10	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-11	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-12	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-13	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-14	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-15	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	645	645	225	870	<16.0
H-15A	8/23/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	392	392	143	535	144
H-15B	9/6/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-16	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	239	239	60.6	299.6	1,150
H-16A	8/23/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	510	510	202	712	512
H-16B	9/6/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	73.5	73.5	27.0	100.5	240
H-16C	9/11/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.5	27.5	<10.0	27.5	16.0
H-17	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	125	125	36.1	156.1	16.0
H-17A	8/23/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	129	129	61.1	190.1	320
H-17B	9/6/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
H-18	7/22/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	688	688	233	921	48.0
H-18A	8/23/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Table 1
Summary of Soil Analytical Data - Delineation Samples
Snapping 10 Fed 1
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
H-19	11/20/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0

Notes:

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

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

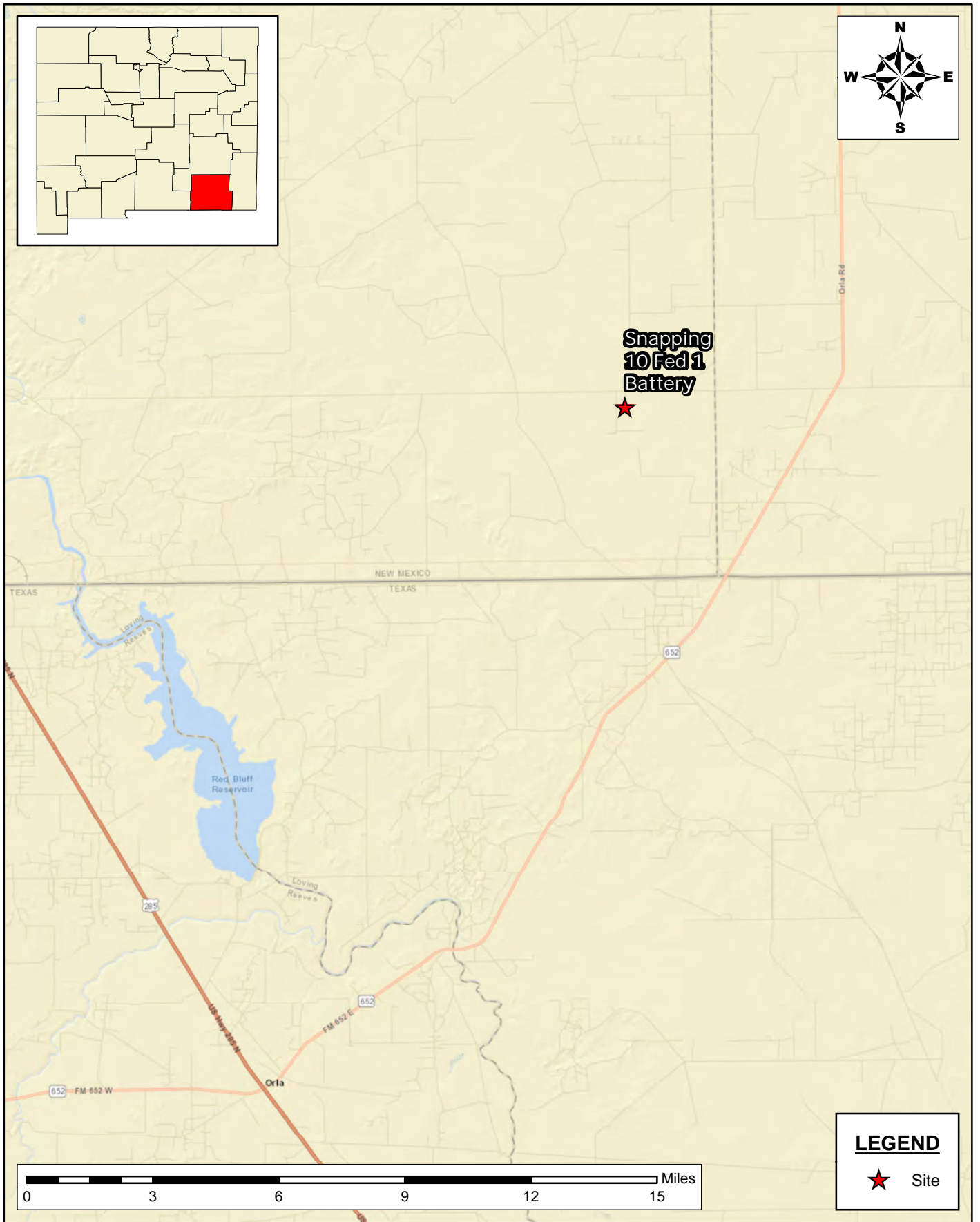
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

SP-1	Sample Point Excavated
-------------	------------------------

FIGURES

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SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
 SNAPPING 10 FED 1 BATTERY
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 2/14/2025 PROJECT #: 248872

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



NOTES:

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

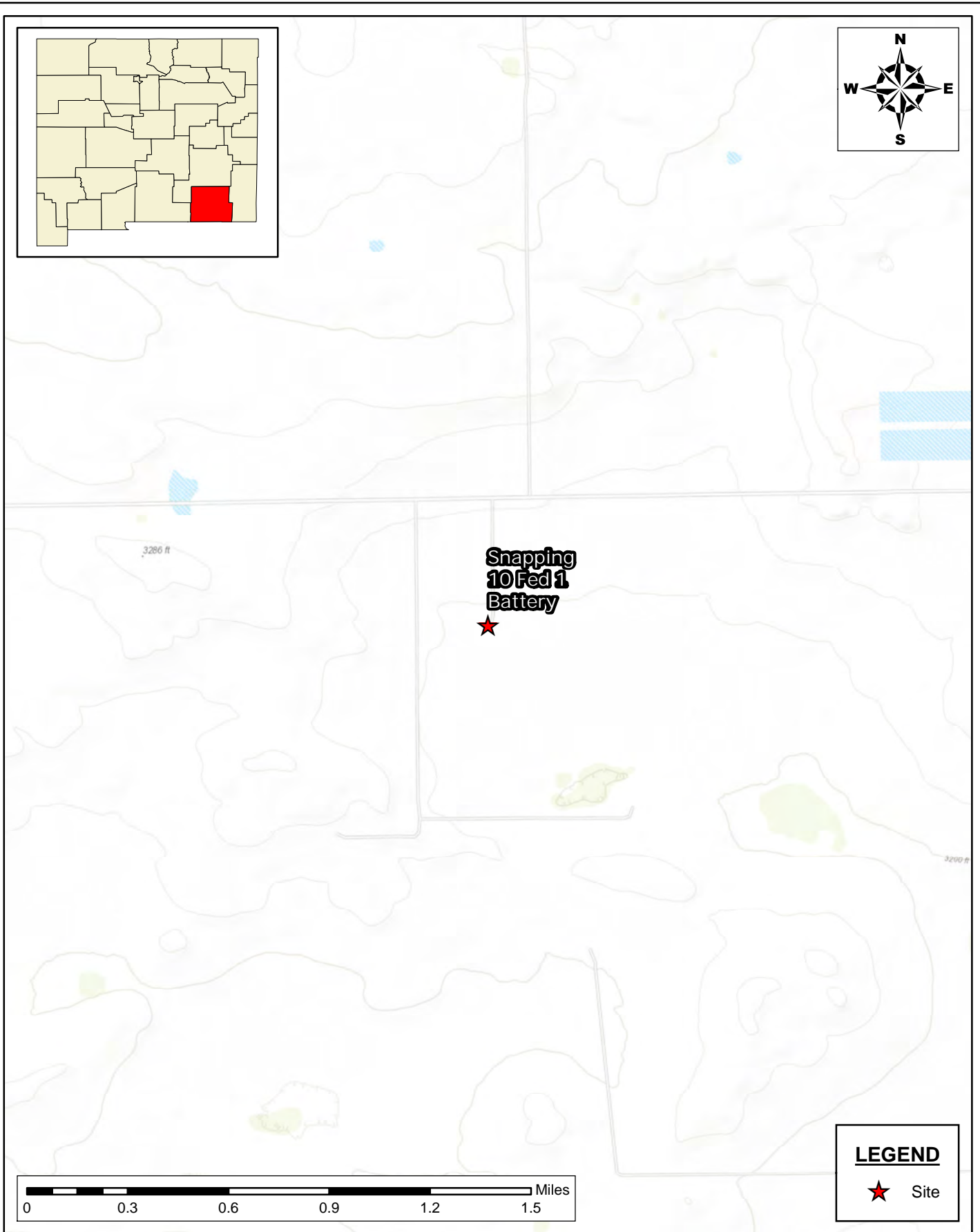
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FIGURE 1

SHEET NUMBER:

1 of 1

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TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
SNAPPING 10 FED 1 BATTERY
DEVON ENERGY PRODUCTION COMPANY
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 2/14/2025

PROJECT #: 248872



New Tech Global Environmental, LLC
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Houston, Texas 77060
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NOTES:

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

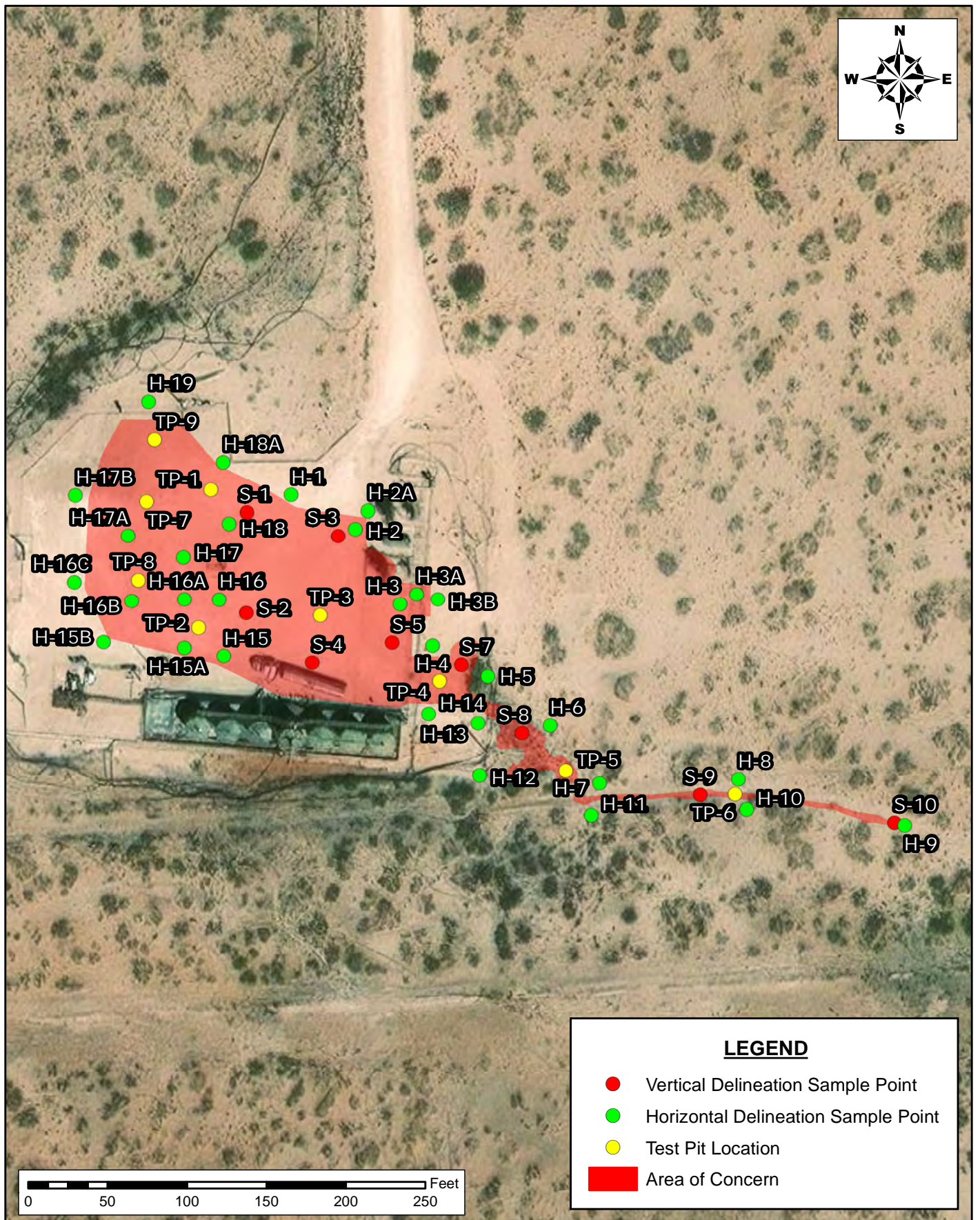
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FIGURE 2

SHEET NUMBER:

1 of 1

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INITIAL ASSESSMENT MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
 SNAPPING 10 FED 1 BATTERY
 DEVON ENERGY PRODUCTION CORPORATION
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 1/29/2025

PROJECT #: 248872

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

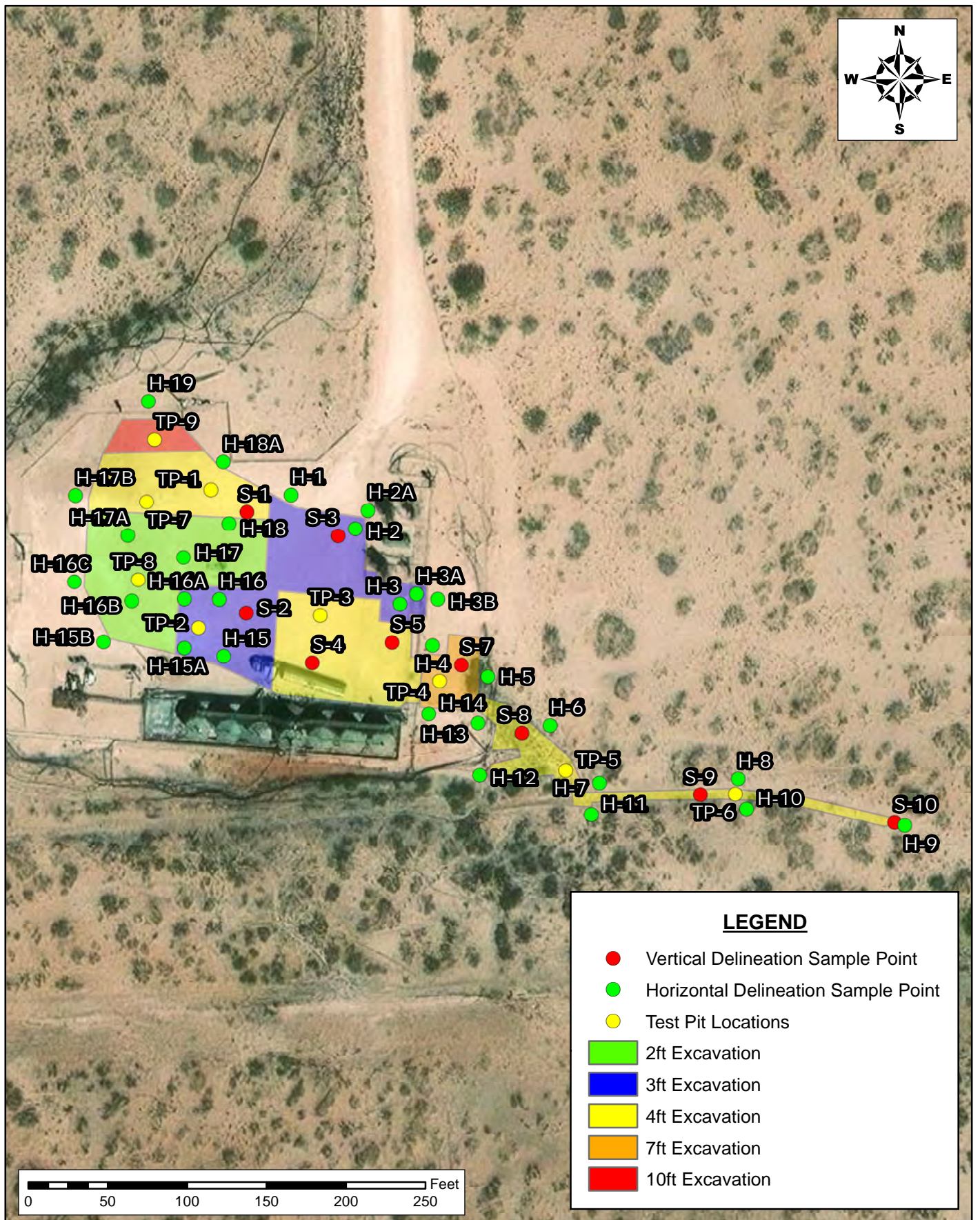
DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

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PROPOSED EXCAVATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
 SNAPPING 10 FED 1 BATTERY
 DEVON ENERGY PRODUCTION CORPORATION
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 1/31/2025

PROJECT #: 248872

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

**NOTES:**

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

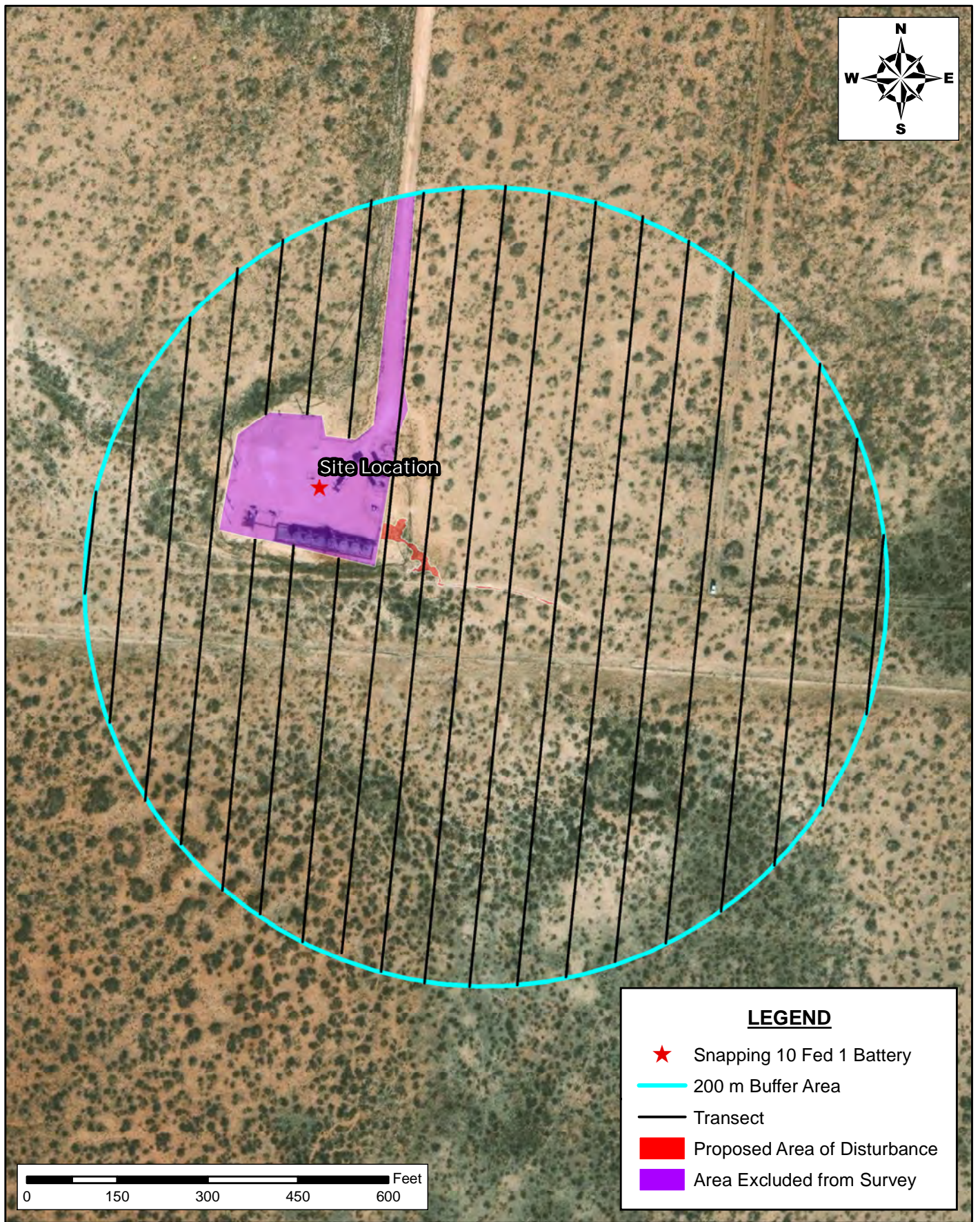
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FIGURE 4

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntg\Documents\New Tech Global\NTGE - New Mexico\Botany\248731 - (SSPS) Next Gen PW Spill\GIS\Figure_3.mxd



SURVEY AREA MAP
SITE CHARACTERIZATION AND REMEDIATION
WORKPLAN
DEVON ENERGY PRODUCTION CORPORATION
SNAPPING 10 FED 1 BATTERY
EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 07/18/2024 PROJECT #: 248872



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 2017
2. Map Projection: NAD 1983

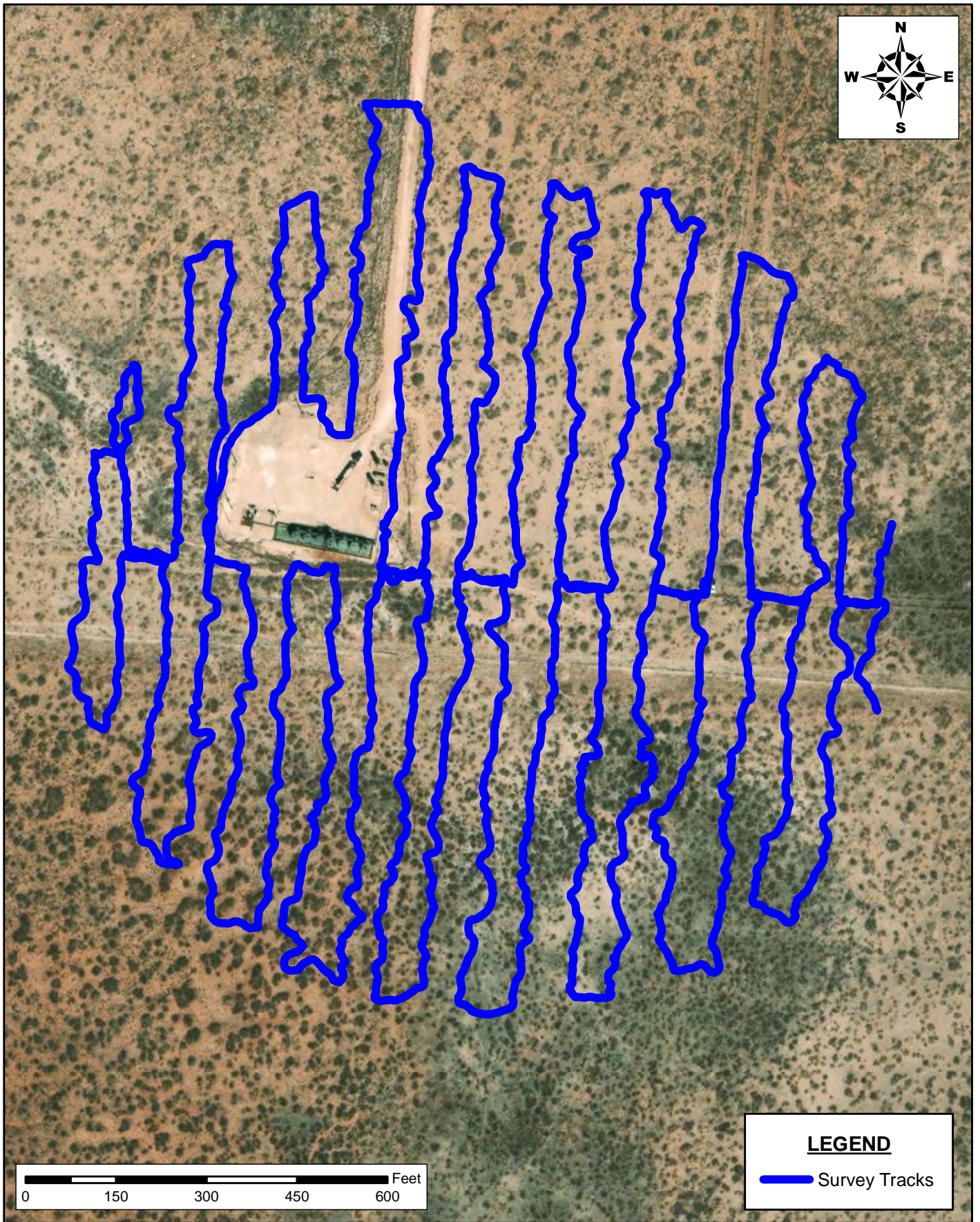
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FIGURE 5

SHEET NUMBER:

1 of 1

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SURVEY TRACKS MAP
SITE CHARACTERIZATION AND REMEDIATION
WORKPLAN
DEVON ENERGY PRODUCTION CORPORATION
SNAPPING 10 FED 1 BATTERY
EDDY COUNTY, NEW MEXICO



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

NOTES:

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

DRAWING NUMBER:

FIGURE 6

SHEET NUMBER:

1 of 1

Proposed Excavation Map

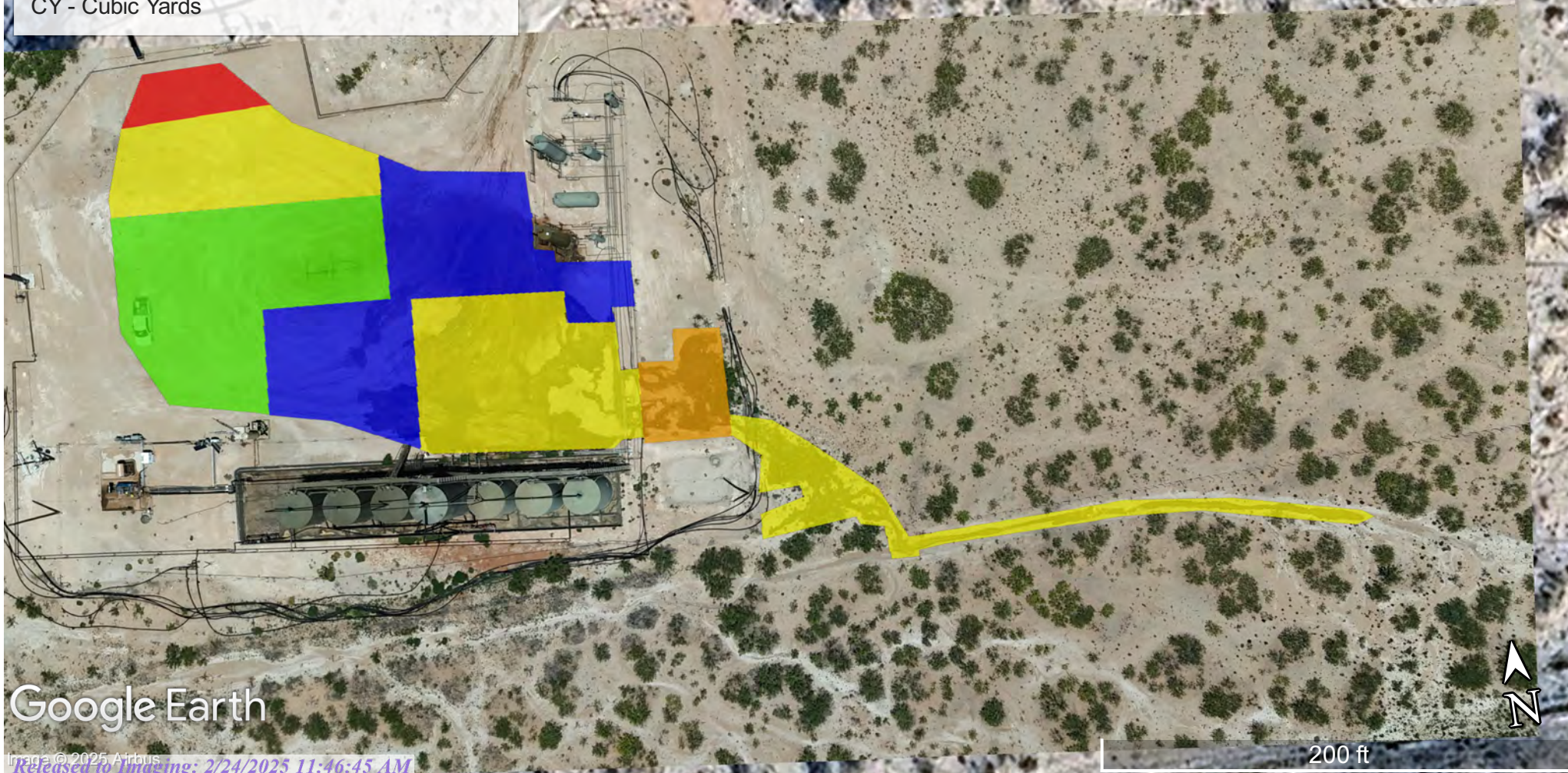
Devon Energy Production Corporation
Snapping 10 Fed 1H Battery
Eddy County, New Mexico
32.05936073,-103.759499

Area of Yellow: 12,442 sqft x 4ft ~ 1,843 CY
Area of Orange: 1,498 sqft x 7ft ~ 388 CY
Area of Green: 7,002 sqft x 2ft ~ 519 CY
Area of Blue: 7,435 sqft x 3ft ~ 826 CY
Area of Red: 1,019 sqft x 10ft ~ 377 CY
Total Excavated Volume: 3,953 CY

sqft - Square Feet
CY - Cubic Yards

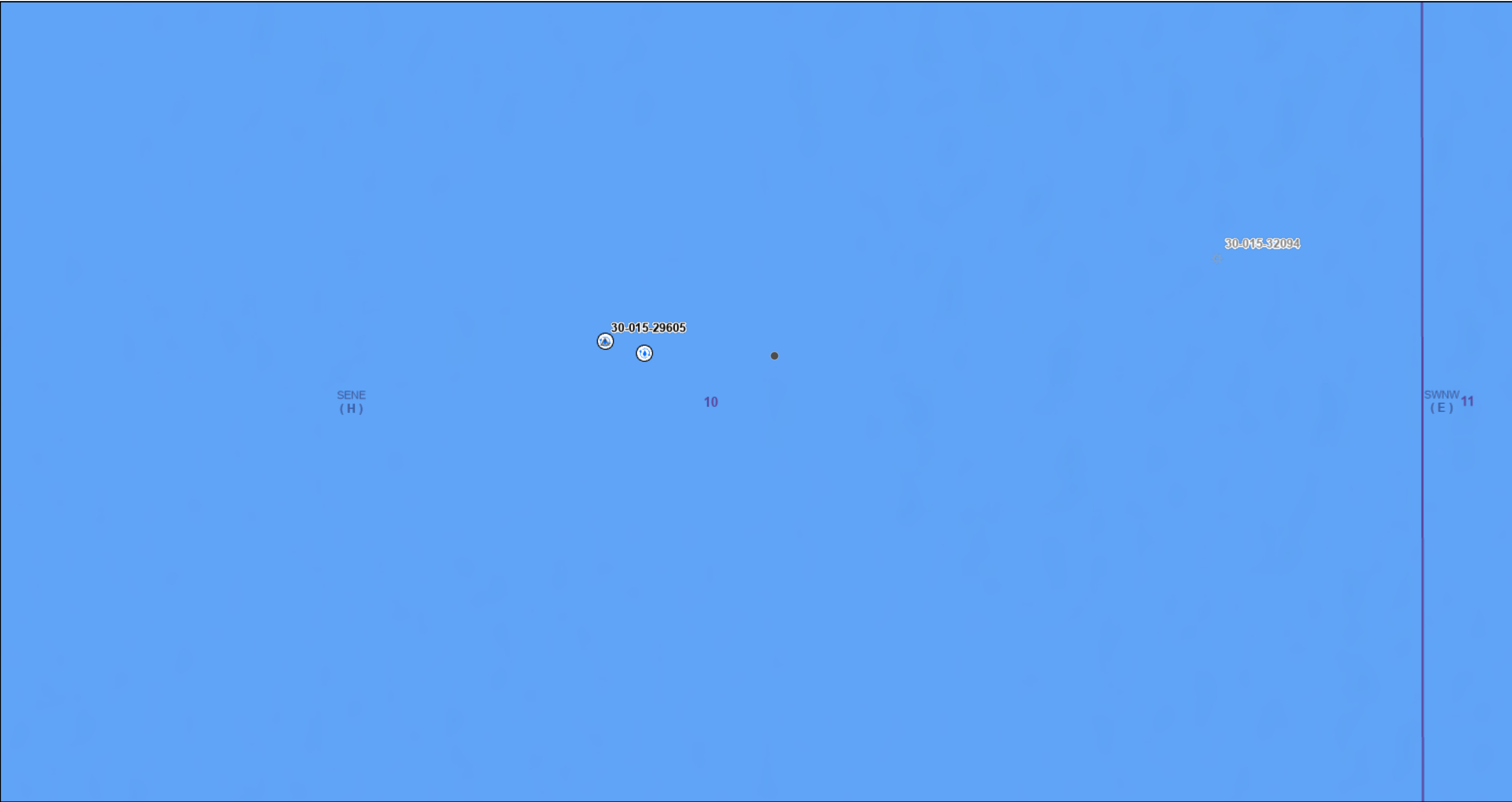
Legend

-  10ft Excavation
-  2ft Excavation
-  3ft Excavation
-  4ft Excavation
-  7ft Excavation



SITE CHARACTERIZATION INFORMATION

Karst Potential Map



7/12/2024, 12:31:48 PM

Wells - Large Scale

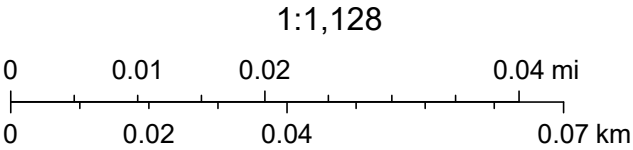
- Gas, Cancelled
- Salt Water Injection, Active

Incident Release

- Produced Water Release
- Oil Release
- Natural Gas Release

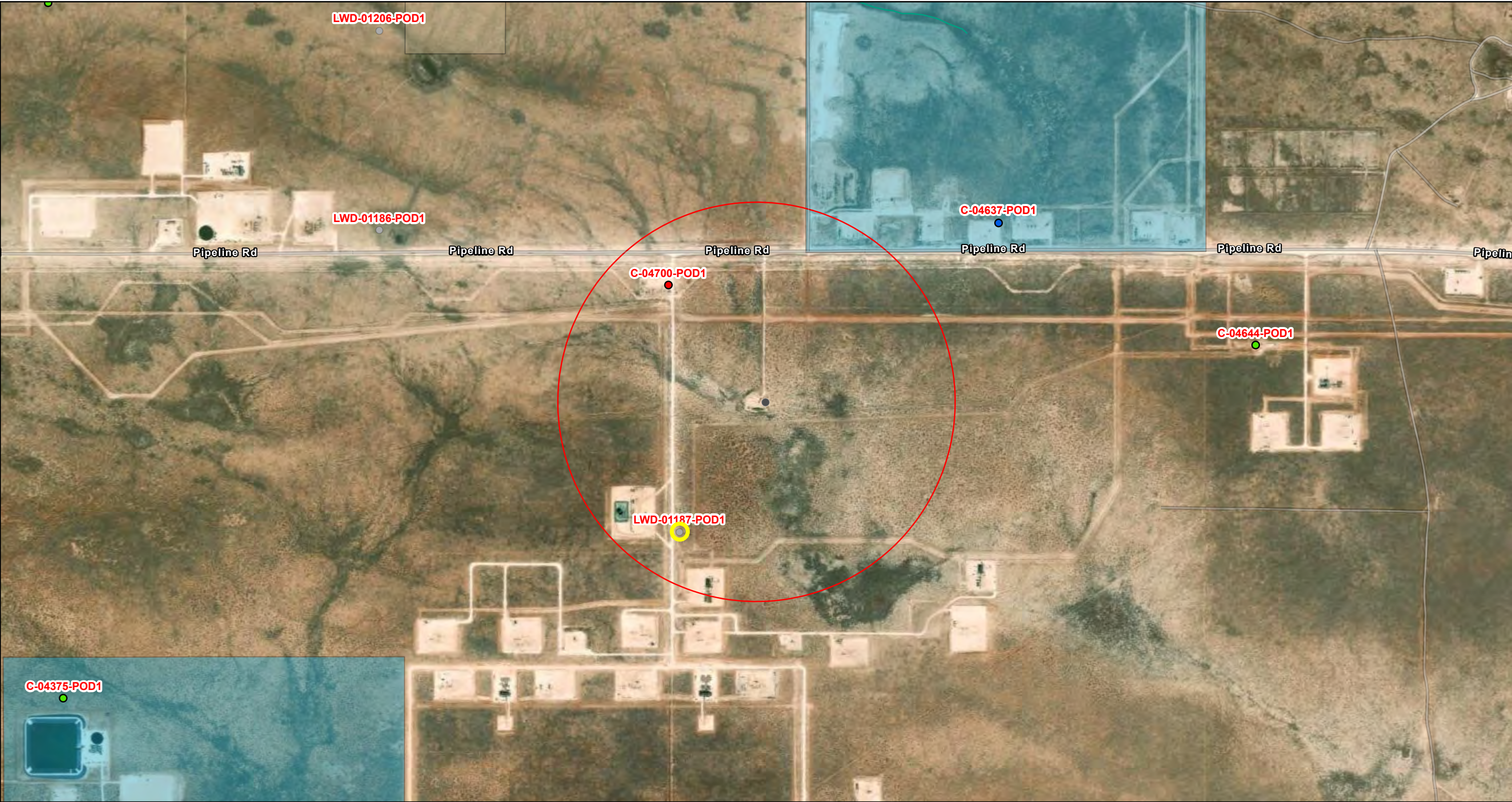
Karst Occurrence Potential

- Medium
- PLSS Second Division
- PLSS First Division



BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Oil Conservation

OSE POD Location Map



7/12/2024, 12:40:39 PM

GIS WATERS PODs

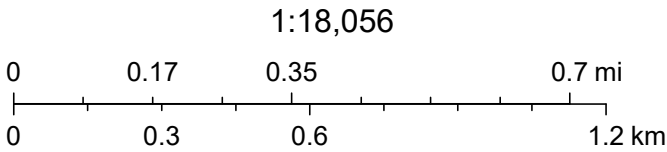
- Active
- Pending

- Plugged
- OSE District Boundary

Water Right Regulations

- Artesian Planning Area
- New Mexico State Trust Lands
- Subsurface Estate

- Both Estates
- NHD Flowlines
- Stream River



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-04700			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 3	SECONDS 48.97 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
LONGITUDE 103 45 47.89 W								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NW NE Sec.10 T26S R31E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/17/23	DRILLING ENDED 4/17/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/25/23		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

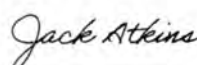
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	C-4700	POD NO.	1	TRN NO.	741095
LOCATION	26S-31E-10 212	WELL TAG ID NO.	N/A	PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, medium-fine grained, poorly, graded, unconsolidated, brown	Y ✓ N	
	4	30	36	Caliche, with silt semi-consolidated, white/tan	Y ✓ N	
	30	55	25	Sand, fine- grained, poorly, graded, unconsolidated, tan	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 36 Snapping 10 Federal 1H
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jackie D. Atkins 4/26/23 DATE

FOR USE INTERNAL USE




WR-20 WELL RECORD & LOG (Version 01/28/2022)

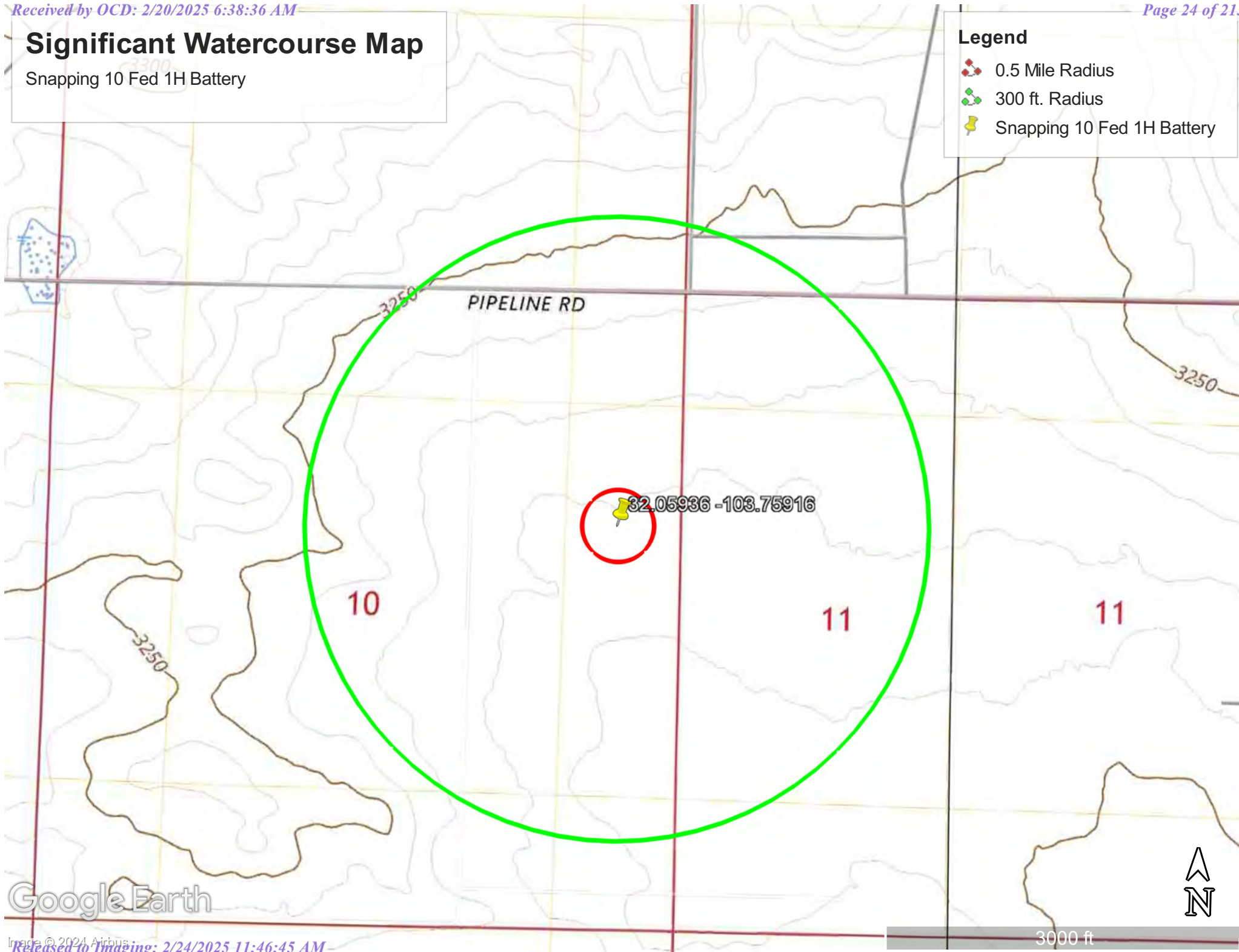
FILE NO. C-4700	POD NO. 1	TRN NO. 741095
LOCATION 265-31E. 10 212	WELL TAG ID NO. M7	PAGE 2 OF 2

Significant Watercourse Map

Snapping 10 Fed 1H Battery

Legend

-  0.5 Mile Radius
-  300 ft. Radius
-  Snapping 10 Fed 1H Battery



Google Earth

Legend

Basemap

Query

Source

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status

In Progress (Only NWI)

Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears

Riverine

Hydrogeomorphic Mapping (HGM) Polygons

Depressional

Flats

Lacustrine Fringe

Riverine

Slope

Landscape Position and Water Body (LLWW) Linears

Lentic (LE)

Lotic Rİver (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons

Lentic (LE)

Lake (LK)

Lotic River (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

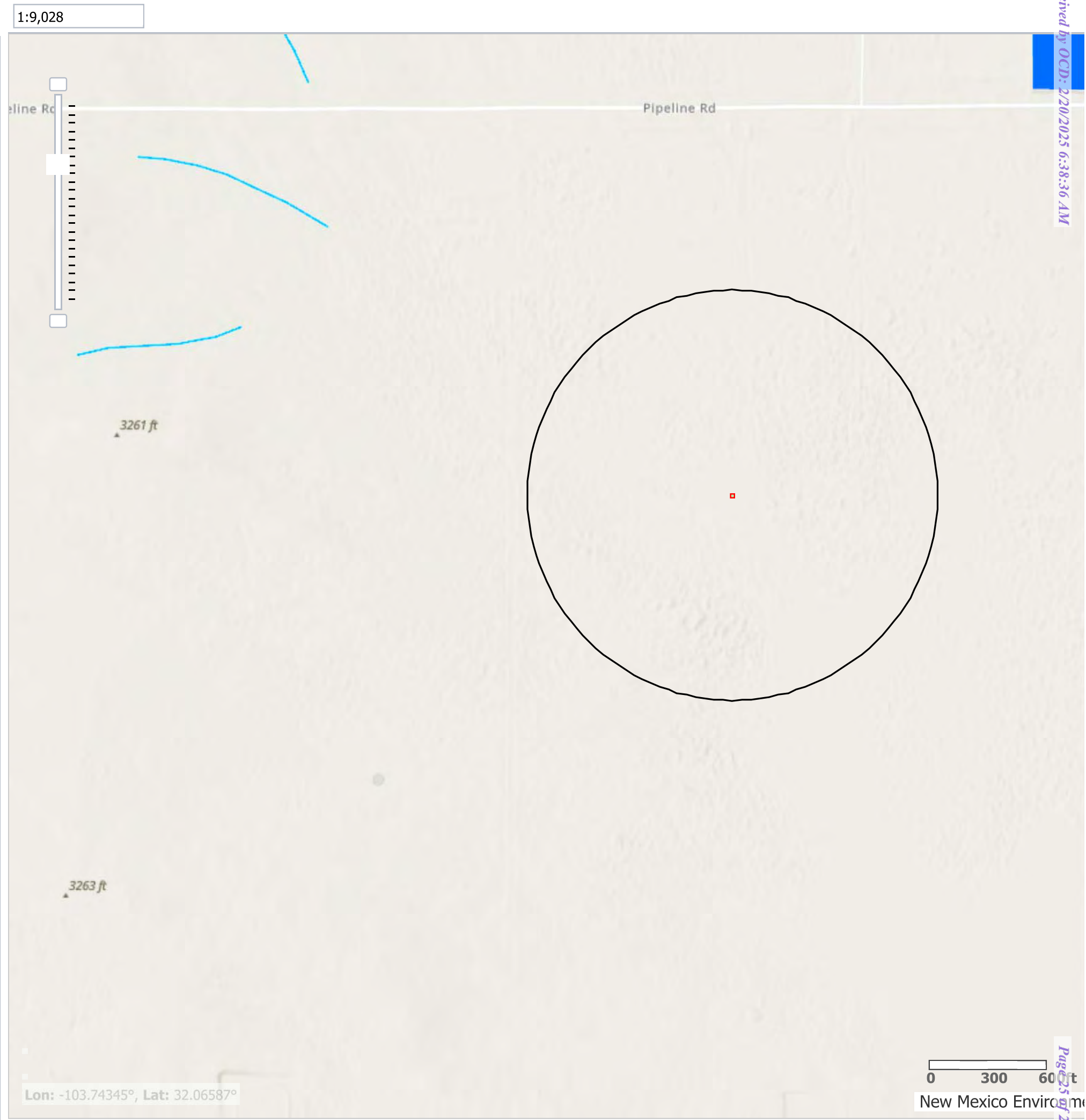
Terrene (TE)

Landform (LLWW)

Basin

Flat

Floodplain



Legend

Basemap

Query

Source

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status

In Progress (Only NWI)

Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears

Riverine

Hydrogeomorphic Mapping (HGM) Polygons

Depressional

Flats

Lacustrine Fringe

Riverine

Slope

Landscape Position and Water Body (LLWW) Linears

Lentic (LE)

Lotic Rİver (LR)

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Pond (PD)

River (RV)

Stream (ST)

Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons

Lentic (LE)

Lake (LK)

Lotic River (LR)

Lotic Stream (LS)

Pond (PD)

River (RV)

Stream (ST)

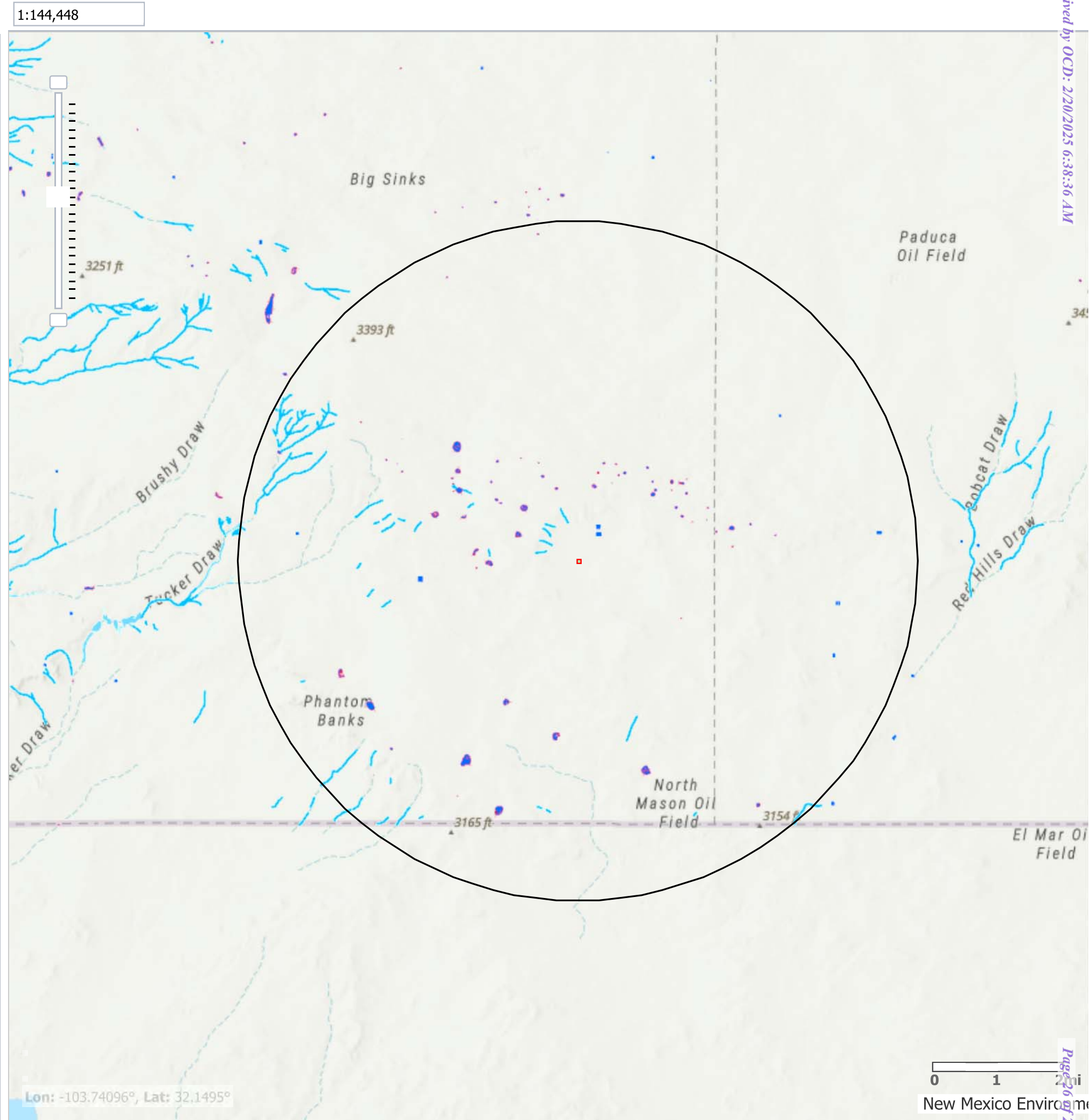
Terrene (TE)

Landform (LLWW)

Basin

Flat

Floodplain



National Flood Hazard Layer FIRMette



103°45'52"W 32°3'49"N



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

1:6,000

103°45'14"W 32°3'18"N

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 7/12/2024 at 2:51 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.



Wetlands Map



July 12, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

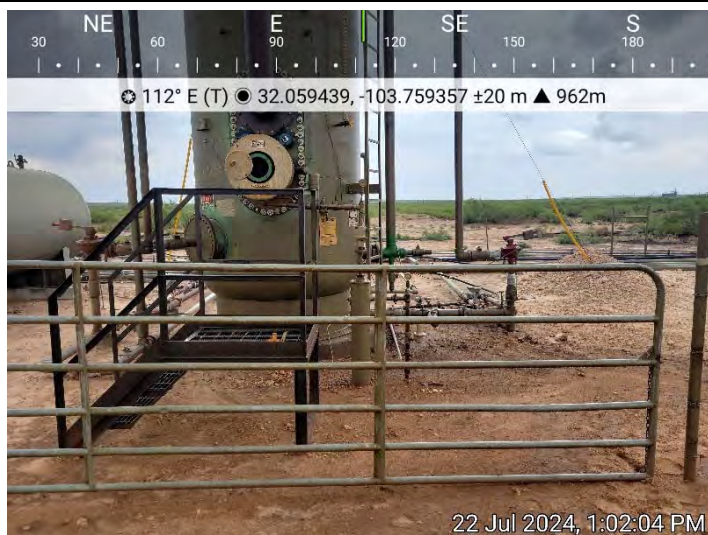
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

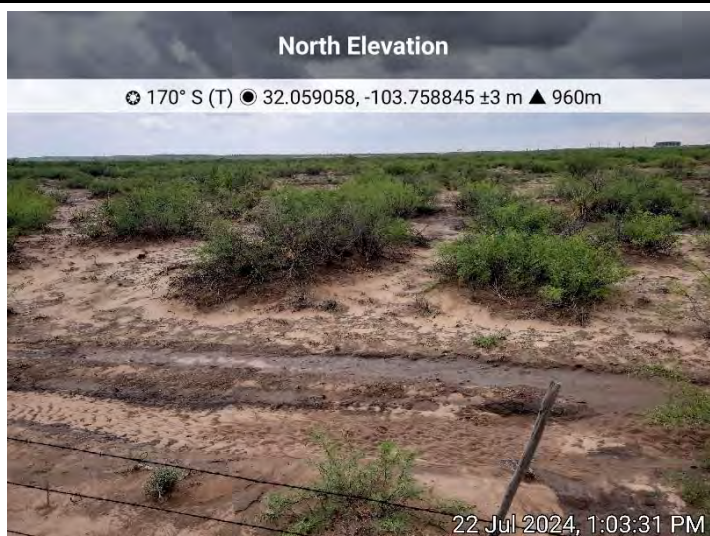
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG
Devon Energy Production Corporation
Snapping 10 Fed 1 Battery

Photograph No. 1**Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 2****Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 3****Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern

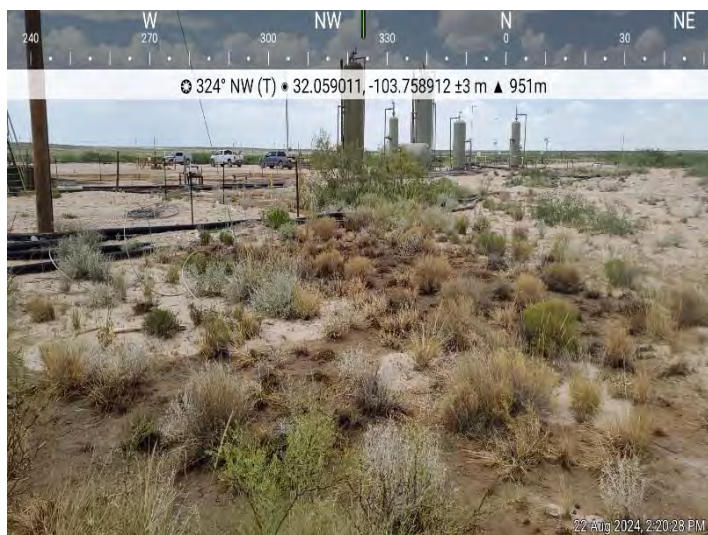
PHOTOGRAPHIC LOG
Devon Energy Production Corporation
Snapping 10 Fed 1 Battery

Photograph No. 4**Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 5****Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 6****Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern

PHOTOGRAPHIC LOG

Devon Energy Production Corporation

Snapping 10 Fed 1 Battery

Photograph No. 7**Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 8****Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 9****Facility:** Snapping 10 Fed 1 Battery**County:** Eddy County, New Mexico**Description:**
View of Test Pit

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

July 29, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SNAPPING 10 FED 1

Enclosed are the results of analyses for samples received by the laboratory on 07/24/24 14:37.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 1 0-6" (H244403-01)

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	07/25/2024	ND	2.09	105	2.00	1.05		
Toluene*	<0.050	0.050	07/25/2024	ND	2.13	107	2.00	0.582		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.15	107	2.00	0.186		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	6.55	109	6.00	0.000524		
Total BTEX	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1740	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	2150	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	415	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 1 1-1.5' (H244403-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.09	105	2.00	1.05	
Toluene*	<0.050	0.050	07/25/2024	ND	2.13	107	2.00	0.582	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.15	107	2.00	0.186	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	6.55	109	6.00	0.000524	
Total BTX	<0.300	0.300	07/25/2024	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	1070	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 1 2-2.5' (H244403-03)

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	07/25/2024	ND	2.09	105	2.00	1.05		
Toluene*	<0.050	0.050	07/25/2024	ND	2.13	107	2.00	0.582		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.15	107	2.00	0.186		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	6.55	109	6.00	0.000524		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 1 3-3.5' (H244403-04)

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	07/25/2024	ND	2.09	105	2.00	1.05		
Toluene*	<0.050	0.050	07/25/2024	ND	2.13	107	2.00	0.582		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.15	107	2.00	0.186		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	6.55	109	6.00	0.000524		
Total BTEX	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	27.5	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 1 4-4.5' (H244403-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.09	105	2.00	1.05	
Toluene*	<0.050	0.050	07/25/2024	ND	2.13	107	2.00	0.582	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.15	107	2.00	0.186	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	6.55	109	6.00	0.000524	
Total BTX	<0.300	0.300	07/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 2 0-6" (H244403-06)

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	07/26/2024	ND	2.09	105	2.00	1.05	
Toluene*	7.25	0.500	07/26/2024	ND	2.13	107	2.00	0.582	
Ethylbenzene*	9.97	0.500	07/26/2024	ND	2.15	107	2.00	0.186	
Total Xylenes*	85.6	1.50	07/26/2024	ND	6.55	109	6.00	0.000524	
Total BTEX	103	3.00	07/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 142 % 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	624	16.0	07/25/2024	ND	432	108	400	3.64	

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*	1100	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	6410	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	873	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 291 % 48.2-134

Surrogate: 1-Chlorooctadecane 187 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 2 1-1.5' (H244403-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45	
Toluene*	0.099	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	0.108	0.050	07/25/2024	ND	2.01	101	2.00	2.09	
Total Xylenes*	1.18	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90	
Total BTEx	1.39	0.300	07/25/2024	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	560	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20.5	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	314	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	51.9	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 2 2-2.5' (H244403-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	<0.050	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEx	<0.300	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	44.2	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 2 3-3.5' (H244403-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	<0.050	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEX	<0.300	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	187	93.7	200	5.10	
DRO >C10-C28*	58.1	10.0	07/25/2024	ND	200	100	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 2 4-4.5' (H244403-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	<0.050	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	0.196	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	0.433	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEX	0.629	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.7	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	469	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	93.8	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.7 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 3 0-6" (H244403-11)

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	07/25/2024	ND	1.97	98.3	2.00	2.45	
Toluene*	21.1	2.00	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	17.9	2.00	07/25/2024	ND	2.01	101	2.00	2.09	
Total Xylenes*	127	6.00	07/25/2024	ND	5.92	98.6	6.00	1.90	
Total BTEX	166	12.0	07/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	07/25/2024	ND	432	108	400	3.64		
TPH 8015M		mg/kg		Analyzed By: MS						S-04

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 200 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 3 1-1.5' (H244403-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	<0.050	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEx	<0.300	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	25.0	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 3 2-2.5' (H244403-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45	
Toluene*	<0.050	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.01	101	2.00	2.09	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90	
Total BTEX	<0.300	0.300	07/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	340	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	63.6	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 3 3-3.5' (H244403-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	<0.050	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEx	<0.300	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	57.8	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 3 4-4.5' (H244403-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	<0.050	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEx	<0.300	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	127	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	20.6	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 4 0-6" (H244403-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	8.78	2.00	07/25/2024	ND	1.97	98.3	2.00	2.45	GC-NC1
Toluene*	96.6	2.00	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	70.8	2.00	07/25/2024	ND	2.01	101	2.00	2.09	GC-NC1
Total Xylenes*	486	6.00	07/25/2024	ND	5.92	98.6	6.00	1.90	GC-NC1
Total BTEX	662	12.0	07/25/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	3680	50.0	07/26/2024	ND	180	90.0	200	0.940		
DRO >C10-C28*	10800	50.0	07/26/2024	ND	170	84.9	200	0.446		
EXT DRO >C28-C36	1880	50.0	07/26/2024	ND						

Surrogate: 1-Chlorooctane 160 % 48.2-134

Surrogate: 1-Chlorooctadecane 177 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 4 1-1.5' (H244403-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45	
Toluene*	0.263	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	0.346	0.050	07/25/2024	ND	2.01	101	2.00	2.09	
Total Xylenes*	2.61	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90	
Total BTEx	3.21	0.300	07/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	40.2	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	354	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	68.3	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 4 2-2.5' (H244403-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	0.054	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	0.359	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEX	0.413	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	146	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	21.4	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 4 3-3.5' (H244403-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.068	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45	GC-NC1
Toluene*	0.902	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	0.823	0.050	07/25/2024	ND	2.01	101	2.00	2.09	GC-NC1
Total Xylenes*	7.50	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90	GC-NC1
Total BTEX	9.29	0.300	07/25/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	152	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	849	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	140	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 4 4-4.5' (H244403-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45	
Toluene*	0.069	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	0.104	0.050	07/25/2024	ND	2.01	101	2.00	2.09	
Total Xylenes*	0.743	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90	
Total BTEX	0.916	0.300	07/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	20.5	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	254	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	36.1	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 5 0-6" (H244403-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.7	2.00	07/25/2024	ND	1.97	98.3	2.00	2.45	GC-NC1
Toluene*	104	2.00	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	41.2	2.00	07/25/2024	ND	2.01	101	2.00	2.09	GC-NC1
Total Xylenes*	309	6.00	07/25/2024	ND	5.92	98.6	6.00	1.90	GC-NC1
Total BTEX	465	12.0	07/25/2024	ND					GC-NC1

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	416	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	4160	50.0	07/26/2024	ND	180	90.0	200	0.940		
DRO >C10-C28*	19200	50.0	07/26/2024	ND	170	84.9	200	0.446		
EXT DRO >C28-C36	3700	50.0	07/26/2024	ND						

Surrogate: 1-Chlorooctane 257 % 48.2-134

Surrogate: 1-Chlorooctadecane 356 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 5 1-1.5' (H244403-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.402	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45	GC-NC1
Toluene*	1.14	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	0.537	0.050	07/25/2024	ND	2.01	101	2.00	2.09	GC-NC1
Total Xylenes*	1.91	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90	GC-NC1
Total BTEX	3.99	0.300	07/25/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	42.7	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	111	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	32.8	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 5 2-2.5' (H244403-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	1.97	98.3	2.00	2.45		
Toluene*	0.269	0.050	07/25/2024	ND	1.92	95.9	2.00	1.84		
Ethylbenzene*	0.232	0.050	07/25/2024	ND	2.01	101	2.00	2.09		
Total Xylenes*	1.76	0.150	07/25/2024	ND	5.92	98.6	6.00	1.90		
Total BTEX	2.26	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	27.7	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	217	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	31.2	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 5 3-3.5' (H244403-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.635	0.200	07/26/2024	ND	1.97	98.3	2.00	2.45	GC-NC1
Toluene*	7.56	0.200	07/26/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	4.45	0.200	07/26/2024	ND	2.01	101	2.00	2.09	GC-NC1
Total Xylenes*	31.5	0.600	07/26/2024	ND	5.92	98.6	6.00	1.90	GC-NC1
Total BTEX	44.2	1.20	07/26/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	503	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	2720	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	510	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 5 4-4.5' (H244403-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2024	ND	1.97	98.3	2.00	2.45	
Toluene*	0.153	0.050	07/26/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	0.254	0.050	07/26/2024	ND	2.01	101	2.00	2.09	
Total Xylenes*	0.936	0.150	07/26/2024	ND	5.92	98.6	6.00	1.90	
Total BTEX	1.34	0.300	07/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	07/25/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	16.3	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	213	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	40.4	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 7 0-6" (H244403-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.96	2.00	07/25/2024	ND	1.97	98.3	2.00	2.45	GC-NC1
Toluene*	71.0	2.00	07/25/2024	ND	1.92	95.9	2.00	1.84	
Ethylbenzene*	31.4	2.00	07/25/2024	ND	2.01	101	2.00	2.09	GC-NC1
Total Xylenes*	203	6.00	07/25/2024	ND	5.92	98.6	6.00	1.90	GC-NC1
Total BTEX	313	12.0	07/25/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/25/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	3340	50.0	07/26/2024	ND	180	90.0	200	0.940		
DRO >C10-C28*	17000	50.0	07/26/2024	ND	170	84.9	200	0.446		
EXT DRO >C28-C36	3560	50.0	07/26/2024	ND						

Surrogate: 1-Chlorooctane 286 % 48.2-134

Surrogate: 1-Chlorooctadecane 412 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 7 1-1.5' (H244403-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.4	1.00	07/25/2024	ND	2.22	111	2.00	5.52	GC-NC1, QM-07
Toluene*	91.6	1.00	07/25/2024	ND	2.39	119	2.00	1.81	QM-07
Ethylbenzene*	26.3	1.00	07/25/2024	ND	2.30	115	2.00	5.14	GC-NC1, QM-07
Total Xylenes*	236	3.00	07/25/2024	ND	7.06	118	6.00	7.39	GC-NC1, QM-07
Total BTEX	364	6.00	07/25/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	07/25/2024	ND	432	108	400	3.64		
TPH 8015M		mg/kg		Analyzed By: MS						S-04

Surrogate: 1-Chlorooctane 220 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 7 2-2.5' (H244403-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.74	1.00	07/25/2024	ND	2.22	111	2.00	5.52	GC-NC1
Toluene*	42.2	1.00	07/25/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	14.9	1.00	07/25/2024	ND	2.30	115	2.00	5.14	GC-NC1
Total Xylenes*	138	3.00	07/25/2024	ND	7.06	118	6.00	7.39	GC-NC1
Total BTEX	198	6.00	07/25/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/25/2024	ND	432	108	400	3.64	

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*	1520	10.0	07/25/2024	ND	180	90.0	200	0.940		
DRO >C10-C28*	3410	10.0	07/25/2024	ND	170	84.9	200	0.446		
EXT DRO >C28-C36	562	10.0	07/25/2024	ND						

Surrogate: 1-Chlorooctane 163 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 7 3-3.5' (H244403-29)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.331	0.200	07/26/2024	ND	2.22	111	2.00	5.52	GC-NC1
Toluene*	7.26	0.200	07/26/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	3.31	0.200	07/26/2024	ND	2.30	115	2.00	5.14	GC-NC1
Total Xylenes*	32.4	0.600	07/26/2024	ND	7.06	118	6.00	7.39	GC-NC1
Total BTEX	43.3	1.20	07/26/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 138 % 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	07/25/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	595	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	2170	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	384	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 7 4-4.5' (H244403-30)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.158	0.050	07/25/2024	ND	2.22	111	2.00	5.52	GC-NC1
Toluene*	3.47	0.050	07/25/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	1.60	0.050	07/25/2024	ND	2.30	115	2.00	5.14	GC-NC1
Total Xylenes*	16.2	0.150	07/25/2024	ND	7.06	118	6.00	7.39	GC-NC1
Total BTEX	21.4	0.300	07/25/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 154 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/25/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	218	10.0	07/25/2024	ND	186	93.1	200	0.788	QM-07
DRO >C10-C28*	1040	10.0	07/25/2024	ND	188	94.2	200	3.63	QM-07
EXT DRO >C28-C36	174	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 8 0-6" (H244403-31)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.54	0.200	07/26/2024	ND	2.22	111	2.00	5.52	GC-NC1
Toluene*	14.0	0.200	07/26/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	7.26	0.200	07/26/2024	ND	2.30	115	2.00	5.14	GC-NC1
Total Xylenes*	29.9	0.600	07/26/2024	ND	7.06	118	6.00	7.39	GC-NC1
Total BTEX	53.8	1.20	07/26/2024	ND					GC-NC1

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
Chloride	32.0	16.0	07/25/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2540	50.0	07/26/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	12000	50.0	07/26/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	2030	50.0	07/26/2024	ND					

Surrogate: 1-Chlorooctane 299 % 48.2-134

Surrogate: 1-Chlorooctadecane 242 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 8 1-1.5' (H244403-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	13.1	1.00	07/26/2024	ND	2.22	111	2.00	5.52	GC-NC1
Toluene*	88.4	1.00	07/26/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	19.3	1.00	07/26/2024	ND	2.30	115	2.00	5.14	GC-NC1
Total Xylenes*	171	3.00	07/26/2024	ND	7.06	118	6.00	7.39	GC-NC1
Total BTEX	292	6.00	07/26/2024	ND					GC-NC1

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	144	16.0	07/25/2024	ND	432	108	400	7.14	

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*	2710	10.0	07/25/2024	ND	186	93.1	200	0.788		
DRO >C10-C28*	4010	10.0	07/25/2024	ND	188	94.2	200	3.63		
EXT DRO >C28-C36	704	10.0	07/25/2024	ND						

Surrogate: 1-Chlorooctane 189 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 8 2-2.5' (H244403-33)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.93	0.200	07/25/2024	ND	2.22	111	2.00	5.52	GC-NC1
Toluene*	13.9	0.200	07/25/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	3.30	0.200	07/25/2024	ND	2.30	115	2.00	5.14	GC-NC1
Total Xylenes*	29.4	0.600	07/25/2024	ND	7.06	118	6.00	7.39	GC-NC1
Total BTEX	48.5	1.20	07/25/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	3280	16.0	07/25/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	274	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	1060	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	199	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 8 3-3.5' (H244403-34)

BTEx 8021B		mg/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.96	1.00	07/26/2024	ND	2.22	111	2.00	5.52	GC-NC1
Toluene*	21.7	1.00	07/26/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	7.00	1.00	07/26/2024	ND	2.30	115	2.00	5.14	GC-NC1
Total Xylenes*	60.8	3.00	07/26/2024	ND	7.06	118	6.00	7.39	GC-NC1
Total BTEX	91.5	6.00	07/26/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	800	16.0	07/25/2024	ND	432	108	400	7.14	

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*	1010	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	5940	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	1070	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 181 % 48.2-134

Surrogate: 1-Chlorooctadecane 161 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 1 0-6" (H244403-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 2 0-6" (H244403-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	252	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	86.6	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 3 0-6" (H244403-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52	
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39	
Total BTEx	<0.300	0.300	07/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	103	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	61.7	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 4 0-6" (H244403-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 5 0-6" (H244403-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 6 0-6" (H244403-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEX	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 7 0-6" (H244403-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEX	<0.300	0.300	07/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 8 0-6" (H244403-42)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52	
Toluene*	0.141	0.050	07/25/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39	
Total BTX	<0.300	0.300	07/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 9 0-6" (H244403-43)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52	
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39	
Total BTEx	<0.300	0.300	07/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 10 0-6" (H244403-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEX	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 11 0-6" (H244403-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 12 0-6" (H244403-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.22	111	2.00	5.52		
Toluene*	<0.050	0.050	07/25/2024	ND	2.39	119	2.00	1.81		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	5.14		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.06	118	6.00	7.39		
Total BTEX	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 13 0-6" (H244403-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706		
Toluene*	<0.050	0.050	07/25/2024	ND	2.42	121	2.00	1.39		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.57	129	2.00	2.92		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.65	127	6.00	3.39		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 14 0-6" (H244403-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706		
Toluene*	<0.050	0.050	07/25/2024	ND	2.42	121	2.00	1.39		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.57	129	2.00	2.92		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.65	127	6.00	3.39		
Total BTEX	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 15 0-6" (H244403-49)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706	
Toluene*	<0.050	0.050	07/25/2024	ND	2.42	121	2.00	1.39	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.57	129	2.00	2.92	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.65	127	6.00	3.39	
Total BTEX	<0.300	0.300	07/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/25/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	186	93.1	200	0.788	
DRO >C10-C28*	645	10.0	07/25/2024	ND	188	94.2	200	3.63	
EXT DRO >C28-C36	225	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 16 0-6" (H244403-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706		
Toluene*	<0.050	0.050	07/25/2024	ND	2.42	121	2.00	1.39		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.57	129	2.00	2.92		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.65	127	6.00	3.39		
Total BTEx	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	07/25/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	185	92.5	200	2.39	
DRO >C10-C28*	239	10.0	07/25/2024	ND	193	96.7	200	1.83	
EXT DRO >C28-C36	60.6	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 17 0-6" (H244403-51)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706	
Toluene*	<0.050	0.050	07/25/2024	ND	2.42	121	2.00	1.39	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.57	129	2.00	2.92	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.65	127	6.00	3.39	
Total BTEx	<0.300	0.300	07/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/25/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	185	92.5	200	2.39	
DRO >C10-C28*	125	10.0	07/25/2024	ND	193	96.7	200	1.83	
EXT DRO >C28-C36	36.1	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 18 0-6" (H244403-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706	
Toluene*	<0.050	0.050	07/25/2024	ND	2.42	121	2.00	1.39	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.57	129	2.00	2.92	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.65	127	6.00	3.39	
Total BTEX	<0.300	0.300	07/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/25/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	185	92.5	200	2.39	
DRO >C10-C28*	688	10.0	07/25/2024	ND	193	96.7	200	1.83	
EXT DRO >C28-C36	233	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 9 0-6" (H244403-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706	
Toluene*	0.182	0.050	07/25/2024	ND	2.42	121	2.00	1.39	
Ethylbenzene*	0.062	0.050	07/25/2024	ND	2.57	129	2.00	2.92	
Total Xylenes*	0.594	0.150	07/25/2024	ND	7.65	127	6.00	3.39	
Total BTEX	0.839	0.300	07/25/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/25/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.5	10.0	07/25/2024	ND	185	92.5	200	2.39	
DRO >C10-C28*	1950	10.0	07/25/2024	ND	193	96.7	200	1.83	
EXT DRO >C28-C36	605	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2024
 Reported: 07/29/2024
 Project Name: SNAPPING 10 FED 1
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 07/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: S - 10 0-6" (H244403-54)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2024	ND	2.30	115	2.00	0.706		
Toluene*	<0.050	0.050	07/25/2024	ND	2.42	121	2.00	1.39		
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.57	129	2.00	2.92		
Total Xylenes*	<0.150	0.150	07/25/2024	ND	7.65	127	6.00	3.39		
Total BTX	<0.300	0.300	07/25/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/25/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2024	ND	185	92.5	200	2.39	
DRO >C10-C28*	<10.0	10.0	07/25/2024	ND	193	96.7	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	07/25/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H72444403

Page 1 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

Project Name:		Snapping 10 Fed 1		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		248872		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location:		Lea County NM		Due Date:																Cool: Cool MeOH: Me							
Sampler's Name:		Clayton T		TAT starts the day received by the lab, if received by 4:30pm																HCL: HCl HNO ₃ : HN							
PO #:		21371405																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Parameters										H ₃ PO ₄ : HP							
Received Inact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:																Na ₂ S ₂ O ₅ : NaSO ₃							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:																Zn Acetate+NaOH: Zn							
Total Containers:		54		Corrected Temperature:		-1.9°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments											
S-1		0-6		7/22/2024		9:30		X				Grab		1		BTEX 8021B											
S-1		1-1.5		7/22/2024		9:33		X				Grab		1		TPH 8015M (GRO + DRO + MRO)											
S-1		2-2.5		7/22/2024		9:36		X				Grab		1		Chloride 4500											
S-1		3-3.5		7/22/2024		9:39		X				Grab		1													
S-1		4-4.5		7/22/2024		9:42		X				Grab		1													
S-2		0-6		7/22/2024		9:45		X				Grab		1													
S-2		1-1.5		7/22/2024		9:48		X				Grab		1													
S-2		2-2.5		7/22/2024		9:51		X				Grab		1													
S-2		3-3.5		7/22/2024		9:54		X				Grab		1													
S-2		4-4.5		7/22/2024		9:57		X				Grab		1													

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	7/24/24 11:45am		<i>[Signature]</i>	7/24/24 14:37



Chain of Custody

Work Order No: 1244403

Page 2 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Snapping 10 Fed 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	248872	Due Date:													None: NO	DI Water: H ₂ O
Project Location:	Lea County NM														Cool: Cool	MeOH: Me
Sampler's Name:	Clayton T														HCL: HC	HNO ₃ : HN
PO #	21371405														H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											Zn Acetate+NaOH: Zn	
Total Containers:	54	Corrected Temperature:	-1.9°C	Corrected Temperature:											NaOH+Ascorbic Acid: SAPC	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST										Sample Comments
S-3	0-6	7/22/2024	10:00	X		Grab	1	BTEX 8021B											
S-3	1-1.5	7/22/2024	10:03	X		Grab	1	TPH 8015M (GRO + DRO + MRO)											
S-3	2-2.5	7/22/2024	10:06	X		Grab	1	Chloride 4500											
S-3	3-3.5	7/22/2024	10:09	X		Grab	1												
S-3	4-4.5	7/22/2024	10:12	X		Grab	1												
S-4	0-6	7/22/2024	10:15	X		Grab	1												
S-4	1-1.5	7/22/2024	10:18	X		Grab	1												
S-4	2-2.5	7/22/2024	10:21	X		Grab	1												
S-4	3-3.5	7/22/2024	10:24	X		Grab	1												
S-4	4-4.5	7/22/2024	10:27	X		Grab	1												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
CT		7/24/24 11:45am		apawco	7/24/24/1437
3		4			
5		6			



Chain of Custody

Work Order No: H244423

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Snapping 10 Fed 1		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	248872		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush															None: NO DI Water: H ₂ O		
Project Location:	Lea County NM		Due Date:															Cool: Cool MeOH: Me			
Sampler's Name:	Clayton T		TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO ₃ : HN			
PO #	21371405																	H ₂ SO ₄ : H ₂ 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 ₃ PO ₄ : HP		
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:															Zn Acetate+NaOH: Zn				
Total Containers:	7/24/24	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-5	0-6	7/22/2024	10:30	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-5	1-1.5	7/22/2024	10:33	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-5	2-2.5	7/22/2024	10:36	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-5	3-3.5	7/22/2024	10:39	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-5	4-4.5	7/22/2024	10:42	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-7	0-6	7/22/2024	10:45	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-7	1-1.5	7/22/2024	10:48	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-7	2-2.5	7/22/2024	10:51	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-7	3-3.5	7/22/2024	10:54	X		Grab	1	X	X	X	X	X	X	X	X	X	X				
S-7	4-4.5	7/22/2024	10:57	X		Grab	1	X	X	X	X	X	X	X	X	X	X				

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		7/24/24 11:45am			7-24/24/11:57



Chain of Custody

Work Order No: 17244403

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Snapping 10 Fed 1		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code	ANALYSIS REQUEST												Preservative Codes														
Project Number:	248872																	None: NO DI Water: H ₂ O														
Project Location:	Lea County NM		Due Date:															Cool: Cool MeOH: Me														
Sampler's Name:	Clayton T		TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO ₃ : HN														
PO #	21371405																	H ₂ SO ₄ : H ₂ 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 ₃ PO ₄ : HP									
Received Intact:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																NaHSO ₄ : NABIS									
Cooler Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:																Na ₂ S ₂ O ₅ : NaSO ₃									
Sample Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:																Zn Acetate+NaOH: Zn									
Total Containers:					7/24/24 11:27		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC									
Sample Identification					Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
S-8					0-6		7/22/2024		11:00		X				Grab		1		BTX 8021B													
S-8					1-1.5		7/22/2024		11:03		X				Grab		1		TPH 8015M (GRO + DRO + MRO)													
S-8					2-2.5		7/22/2024		11:06		X				Grab		1		Chloride 4500													
S-8					3-3.5		7/22/2024		11:09		X				Grab		1															
H-1					0-6		7/22/2024		11:12		X				Grab		1															
H-2					0-6		7/22/2024		11:15		X				Grab		1															
H-3					0-6		7/22/2024		11:18		X				Grab		1															
H-4					0-6		7/22/2024		11:21		X				Grab		1															
H-5					0-6		7/22/2024		11:24		X				Grab		1															
H-6					0-6		7/22/2024		11:27		X				Grab		1															

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
CF		7/24/24 11:45am		CPAUC	7-24-24/1457



Chain of Custody

Work Order No: 124403

Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Snapping 10 Fed 1			Turn Around			ANALYSIS REQUEST												Preservative Codes							
Project Number:		248872			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O						
Project Location:		Lea County NM			Due Date:																Cool: Cool MeOH: Me						
Sampler's Name:		Clayton T			TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN						
PO #:		21371405																			H ₂ SO ₄ : H ₂ NaOH: Na						
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Parameters																	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:						BTEX 8021B												NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:						TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₅ : NaSO ₃					
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:						Chloride 4500												Zn Acetate+NaOH: Zn					
Total Containers:		5754		Corrected Temperature:						HOLD												NaOH+Ascorbic Acid: SAPC					
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments											
H-7		0-6"		7/22/2024		11:30		X				Grab		1		X X X											
H-8		0-6"		7/22/2024		11:33		X				Grab		1		X X X											
H-9		0-6"		7/22/2024		11:36		X				Grab		1		X X X											
H-10		0-6"		7/22/2024		11:39		X				Grab		1		X X X											
H-11		0-6"		7/22/2024		11:42		X				Grab		1		X X X											
H-12		0-6"		7/22/2024		11:45		X				Grab		1		X X X											
H-13		0-6"		7/22/2024		11:48		X				Grab		1		X X X											
H-14		0-6"		7/22/2024		11:51		X				Grab		1		X X X											
H-15		0-6"		7/22/2024		11:54		X				Grab		1		X X X											
H-16		0-6"		7/22/2024		11:57		X				Grab		1		X X X											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
CT		7/24/24 11:45am		apallos	7/24/24 11:43



Chain of Custody

Work Order No: 1244403

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Snapping 10 Fed 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes													
Project Number:	248872																	None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC													
Project Location:	Lea County NM	Due Date:																													
Sampler's Name:	Clayton T		TAT starts the day received by the lab, if received by 4:30pm																												
PO #	21371405																														
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:																													
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																													
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																													
Total Containers:	5	Corrected Temperature:																													
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments											
H-17	0-6"	7/22/2024	12:00	X		Grab	1	BTX 8021B																							
H-18	0-6"	7/22/2024	12:03	X		Grab	1	TPH 8015M (GRO + DRO + MRO)																							
S-9	0-6"	7/22/24	12:06	X		G	2	Chloride 4500																							
S-10	0-6"	7/22/24	12:09	X		G	2																								

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
<u>CT</u>	<u>[Signature]</u>	7/24/24 11:24 AM	<u>[Signature]</u>	<u>[Signature]</u>	7/24/24 11:43 AM



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

August 29, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SNAPPING 10 FED 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/23/24 13:31.

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

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: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 2A 0-6" (H245153-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.12	106	2.00	6.49	
Toluene*	<0.050	0.050	08/26/2024	ND	2.22	111	2.00	5.90	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.31	116	2.00	3.68	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.94	116	6.00	3.20	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	204	102	200	0.490	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	200	100	200	1.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 3A 0-6" (H245153-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.12	106	2.00	6.49	
Toluene*	<0.050	0.050	08/26/2024	ND	2.22	111	2.00	5.90	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.31	116	2.00	3.68	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.94	116	6.00	3.20	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	141	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	110	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 15A 0-6" (H245153-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2024	ND	2.12	106	2.00	6.49		
Toluene*	<0.050	0.050	08/26/2024	ND	2.22	111	2.00	5.90		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.31	116	2.00	3.68		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.94	116	6.00	3.20		
Total BTEX	<0.300	0.300	08/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	392	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	143	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 65.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.3 % 49.1-148

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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 16A 0-6" (H245153-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	2.12	106	2.00	6.49	
Toluene*	<0.050	0.050	08/26/2024	ND	2.22	111	2.00	5.90	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.31	116	2.00	3.68	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.94	116	6.00	3.20	
Total BTEX	<0.300	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	510	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	202	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 62.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.2 % 49.1-148

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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 17A 0-6" (H245153-05)

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	08/26/2024	ND	2.12	106	2.00	6.49		
Toluene*	<0.050	0.050	08/26/2024	ND	2.22	111	2.00	5.90		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.31	116	2.00	3.68		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.94	116	6.00	3.20		
Total BTEx	<0.300	0.300	08/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/26/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	129	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	61.1	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: H - 18A 0-6" (H245153-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	08/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.2 % 49.1-148

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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 5-5.5' (H245153-07)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEx	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	08/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 60.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.7 % 49.1-148

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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 6-6.5' (H245153-08)

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	08/26/2024	ND	1.99	99.7	2.00	3.48	
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37	
Ethylbenzene*	0.245	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27	
Total Xylenes*	2.84	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43	
Total BTEX	3.09	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	08/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	29.9	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	312	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	39.3	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 62.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 7-7.5' (H245153-09)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/26/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 5-5.5' (H245153-10)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 6-6.5' (H245153-11)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEx	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/26/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 64.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 5-5.5' (H245153-12)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEx	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	224	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 5-5.5' (H245153-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	1.99	99.7	2.00	3.48	
Toluene*	0.081	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37	
Ethylbenzene*	0.137	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27	
Total Xylenes*	1.59	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43	
Total BTEX	1.81	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.8	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	311	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	42.7	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 6-6.5' (H245153-14)

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	08/26/2024	ND	1.99	99.7	2.00	3.48	
Toluene*	0.349	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37	
Ethylbenzene*	0.487	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27	
Total Xylenes*	4.23	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43	
Total BTEX	5.06	0.300	08/26/2024	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	528	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	227	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	1010	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	157	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 7-7.5' (H245153-15)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 5 5-5.5' (H245153-16)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 5 6-6.5' (H245153-17)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	0.091	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	93.1	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	32.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 1-1.5' (H245153-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/27/2024	ND	1.99	99.7	2.00	3.48	GC-NC
Toluene*	33.3	1.00	08/27/2024	ND	1.90	95.0	2.00	3.37	
Ethylbenzene*	18.5	1.00	08/27/2024	ND	1.98	99.1	2.00	2.27	
Total Xylenes*	146	3.00	08/27/2024	ND	5.86	97.6	6.00	2.43	
Total BTEX	198	6.00	08/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/26/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2340	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	5750	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	961	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 191 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 2-2.5' (H245153-19)

BTEx 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2024	ND	1.99	99.7	2.00	3.48	
Toluene*	1.22	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37	
Ethylbenzene*	1.34	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27	
Total Xylenes*	11.5	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43	
Total BTEX	14.1	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 145 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/26/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	303	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	1180	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	182	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 3-3.5' (H245153-20)

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	08/26/2024	ND	1.99	99.7	2.00	3.48	
Toluene*	0.340	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37	
Ethylbenzene*	0.496	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27	
Total Xylenes*	3.47	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43	
Total BTEX	43.1	0.300	08/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	94.9	10.0	08/26/2024	ND	206	103	200	0.871	
DRO >C10-C28*	431	10.0	08/26/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	47.2	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 4-4.5' (H245153-21)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEx	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	206	103	200	0.871	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	191	95.7	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 5-5.5' (H245153-22)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEx	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/23/2024
 Reported: 08/29/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 6 6-6.5' (H245153-23)

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	08/26/2024	ND	1.99	99.7	2.00	3.48		
Toluene*	<0.050	0.050	08/26/2024	ND	1.90	95.0	2.00	3.37		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	99.1	2.00	2.27		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.86	97.6	6.00	2.43		
Total BTEx	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	223	111	200	0.0215	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	225	112	200	0.405	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 1845153

Project Manager: Ethan Sessums		Bill to: (if different)		Date Woodall	
Company Name: NTG Environmental		Company Name:		Devon	
Address: 209 W McKay St		Address:			
City, State ZIP: Carlsbad, NM 88220		City, State ZIP:			
Phone: 432-701-2159		Email: esessums@ntgglobal.com			
Project Name: Snapping 10 Fed 1 Battery		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code	
Project Number: 248872		Due Date:		TAT starts the day received by the lab, if received by 4:30pm	
Project Location: Lea County		Sampler's Name: Kenny Han		Parameters	
PO #: 21371405		Temp Blank: Yes No		Wet Ice: Yes No	
SAMPLE RECEIPT		Received Intact: Yes No		Thermometer ID: 140	
Cooler Custody Seals: Yes No		Sample Custody Seals: Yes No		Correction Factor: -0.00	
Total Containers: 23		Temperature Reading: 1.0		Corrected Temperature: 0.4	
Sample Identification		Depth (ft bgs)		Date	
H-2A		0-6"		8/22/2024	
H-3A		0-6"		8/22/2024	
H-15A		0-6"		8/22/2024	
H-16A		0-6"		8/22/2024	
H-17A		0-6"		8/22/2024	
H-18A		0-6"		8/22/2024	
TP-1		5-5.5'		8/22/2024	
TP-1		6-6.5'		8/22/2024	
TP-1		7-7.5'		8/22/2024	
TP-2		5-5.5'		8/22/2024	
Time		Soil		Water	
11:00		X		Grab/Comp	
11:05		X		Grab/Comp	
11:10		X		Grab/Comp	
11:15		X		Grab/Comp	
11:20		X		Grab/Comp	
11:25		X		Grab/Comp	
11:30		X		Grab/Comp	
11:35		X		Grab/Comp	
11:40		X		Grab/Comp	
11:45		X		Grab/Comp	
BTEX 8021B		X		X	
TPH 8015M (GRO + DRO + MRO)		X		X	
Chloride 4500		X		X	
ANALYSIS REQUEST		HOLD		None: NO	
Cool: Cool		MeOH: Me		DI Water: H2O	
HCL: HC		HNO3: HN		H2SO4: H2	
H3PO4: HP		NaHSO4: NABIS		Na2S2O5: NaSO3	
Zn Acetate+NaOH: Zn		NaOH+Ascorbic Acid: SAPC		Sample Comments	
1		3		4	
5		6		7	
8		9		10	

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Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time

Kenny Han 8/23/24 13:32 8/23/24 13:32 4 6

Work Order No: 11245125

Page 2 of 3

Project Manager:		Ethan Sessums	Bill to: (if different)		Date Woodall													
Company Name:		NTG Environmental	Company Name:		Devon													
Address:		209 W McKay St	Address:															
City, State ZIP:		Carlsbad, NM 88220	City, State ZIP:															
Phone:		432-701-2159	Email:		essessums@ntglocal.com													
Project Name:		Snapping 10 Fed 1 Battery	Turn Around															
Project Number:		248872	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush															
Project Location:		Lea County	Due Date:															
Sampler's Name:		Kenny Han	TAT starts the day received by the lab, if received by 4:30pm															
PO #:		21371405																
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Received In tact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		140													
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		-0.001													
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:		1.001													
Total Containers:		23	Corrected Temperature:		0.999													
Sample Identification		Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters									
TP-2		6-6.5'	8/22/2024	11:50	X		Grab/	1	BTX 8021B									
TP-3		5-5.5'	8/22/2024	11:55	X		Grab/	1	TPH 8015M (GRO + DRO + MRO)									
TP-4		5-5.5'	8/22/2024	12:00	X		Grab/	1	Chloride 4500									
TP-4		6-6.5'	8/22/2024	12:05	X		Grab/	1										
TP-4		7-7.5'	8/22/2024	12:10	X		Grab/	1										
TP-5		5-5.5'	8/22/2024	12:15	X		Grab/	1										
TP-5		6-6.5'	8/22/2024	12:20	X		Grab/	1										
TP-6		1-1.5'	8/22/2024	12:25	X		Grab/	1										
TP-6		2-2.5'	8/22/2024	12:30	X		Grab/	1										
TP-6		3-3.5'	8/22/2024	12:35	X		Grab/	1										
Additional Comments:																		

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		03/11/2011			

Kenny Han

Date/Time

Work Order No: 11245153

Page 3 of 3[illegible]



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

September 11, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SNAPPING 10 FED 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/06/24 12:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/06/2024
 Reported: 09/11/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 09/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 3B (H245407-01)

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	09/09/2024	ND	1.98	99.1	2.00	5.72		
Toluene*	<0.050	0.050	09/09/2024	ND	2.22	111	2.00	5.89		
Ethylbenzene*	<0.050	0.050	09/09/2024	ND	2.30	115	2.00	3.10		
Total Xylenes*	<0.150	0.150	09/09/2024	ND	6.97	116	6.00	0.0744		
Total BTX	<0.300	0.300	09/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 134 % 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	09/09/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2024	ND	200	100	200	4.40	
DRO >C10-C28*	<10.0	10.0	09/09/2024	ND	195	97.6	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	09/09/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/06/2024
 Reported: 09/11/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 09/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 15B (H245407-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2024	ND	1.98	99.1	2.00	5.72		
Toluene*	<0.050	0.050	09/09/2024	ND	2.22	111	2.00	5.89		
Ethylbenzene*	<0.050	0.050	09/09/2024	ND	2.30	115	2.00	3.10		
Total Xylenes*	<0.150	0.150	09/09/2024	ND	6.97	116	6.00	0.0744		
Total BTX	<0.300	0.300	09/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 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	09/09/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2024	ND	200	100	200	4.40	
DRO >C10-C28*	<10.0	10.0	09/09/2024	ND	195	97.6	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	09/09/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/06/2024
 Reported: 09/11/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 09/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 16B (H245407-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2024	ND	1.98	99.1	2.00	5.72		
Toluene*	<0.050	0.050	09/09/2024	ND	2.22	111	2.00	5.89		
Ethylbenzene*	<0.050	0.050	09/09/2024	ND	2.30	115	2.00	3.10		
Total Xylenes*	<0.150	0.150	09/09/2024	ND	6.97	116	6.00	0.0744		
Total BTEx	<0.300	0.300	09/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 133 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/09/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2024	ND	200	100	200	4.40	
DRO >C10-C28*	73.5	10.0	09/09/2024	ND	195	97.6	200	5.78	
EXT DRO >C28-C36	27.0	10.0	09/09/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/06/2024
 Reported: 09/11/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 09/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 17B (H245407-04)

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	09/09/2024	ND	1.98	99.1	2.00	5.72		
Toluene*	<0.050	0.050	09/09/2024	ND	2.22	111	2.00	5.89		
Ethylbenzene*	<0.050	0.050	09/09/2024	ND	2.30	115	2.00	3.10		
Total Xylenes*	<0.150	0.150	09/09/2024	ND	6.97	116	6.00	0.0744		
Total BTX	<0.300	0.300	09/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 134 % 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	09/09/2024	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2024	ND	200	100	200	4.40	
DRO >C10-C28*	<10.0	10.0	09/09/2024	ND	195	97.6	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	09/09/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE		P.O. #: 21371405		ANALYSIS REQUEST													
Project Manager: Ethan Segums		Company: Deven															
Address: 209 West McKay St		Attn:															
City: Carsbad		Address:															
State: NM		City:															
Zip: 88220		State:															
Phone #: 248872		Zip:															
Project #: 248872		Phone #:															
Project Name: Snapping 10 Fed 1		Fax #:															
Project Location: Eddy County																	
Sampler Name: (Signature)																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEx TPH Chloride		
H245407	H-3B	G	1			X							9/6				
1	H-15B																
2	H-16B																
3	H-17B																
4																	
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Relinquished By: (Signature)																All Results are emailed. Please provide Email address:	
Relinquished By: (Signature)																REMARKS:	
Time: 12:55																Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Date: 9/6																Thermometer ID #140 <input type="checkbox"/>	
Received By: (Signature)																Bacteria (only) Sample Condition	
Time:																Cool Intact <input type="checkbox"/>	
Date:																Observed Temp. °C	
Corrected Temp. °C 1.2																Corrected Temp. °C	
Delivered By: (Circle One)																	
Sampler - UPS - Bus - Other:																	



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

September 17, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SNAPPING 10 FED 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/12/24 11:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/12/2024
 Reported: 09/17/2024
 Project Name: SNAPPING 10 FED 1 BATTERY
 Project Number: 248872
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 09/11/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 16 C 0-6" (H245519-01)

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	09/13/2024	ND	2.25	113	2.00	0.716		
Toluene*	<0.050	0.050	09/13/2024	ND	2.18	109	2.00	3.29		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.23	112	2.00	5.06		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.77	113	6.00	5.25		
Total BTX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	182	90.9	200	1.80	
DRO >C10-C28*	27.5	10.0	09/13/2024	ND	175	87.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Work Order No: 1124 5217

Page 1 of 1

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

[illegible]

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ethan Sessums
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

Generated 10/31/2024 12:50:19 PM

JOB DESCRIPTION

SNAPPING 10 FED 1 BATTERY
248872

JOB NUMBER

890-7318-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/31/2024 12:50:19 PM

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

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Laboratory Job ID: 890-7318-1
SDG: 248872

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Definitions/Glossary

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1

Job ID: 890-7318-1

Eurofins Carlsbad

Job Narrative 890-7318-1

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

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

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

Receipt

The samples were received on 10/29/2024 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: TP - 5 (890-7318-1) and TP - 5 (890-7318-2).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The method blank for preparation batch 880-94386 and analytical batch 880-94393 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-94386 and analytical batch 880-94393 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94386 and analytical batch 880-94393 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: TP - 5 (890-7318-2). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Client Sample ID: TP - 5

Lab Sample ID: 890-7318-1

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 7 - 7.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 12:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/30/24 09:04	10/30/24 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 12:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/30/24 09:04	10/30/24 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	10/30/24 09:04	10/30/24 12:56	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/30/24 09:04	10/30/24 12:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/30/24 12:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/30/24 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 12:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 12:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/30/24 09:03	10/30/24 12:53	1
o-Terphenyl	70		70 - 130	10/30/24 09:03	10/30/24 12:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/30/24 19:55	1

Client Sample ID: TP - 5

Lab Sample ID: 890-7318-2

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 8 - 8.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 16:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 16:22	1
Ethylbenzene	0.00256		0.00200		mg/Kg		10/30/24 09:04	10/30/24 16:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/30/24 09:04	10/30/24 16:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 16:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/30/24 09:04	10/30/24 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/30/24 09:04	10/30/24 16:22	1

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Client Sample Results

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Client Sample ID: TP - 5

Lab Sample ID: 890-7318-2

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 8 - 8.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	86		70 - 130	10/30/24 09:04	10/30/24 16:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/30/24 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/30/24 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/30/24 09:03	10/30/24 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/30/24 09:03	10/30/24 13:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/30/24 09:03	10/30/24 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	10/30/24 09:03	10/30/24 13:09	1
o-Terphenyl	67	S1-	70 - 130	10/30/24 09:03	10/30/24 13:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		9.98		mg/Kg			10/30/24 20:00	1

Surrogate Summary

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7317-A-1-D MS	Matrix Spike	104	99
890-7317-A-1-E MSD	Matrix Spike Duplicate	102	101
890-7318-1	TP - 5	116	94
890-7318-2	TP - 5	112	86
LCS 880-94387/1-A	Lab Control Sample	101	101
LCSD 880-94387/2-A	Lab Control Sample Dup	101	99
MB 880-94387/5-A	Method Blank	110	89
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7317-A-1-B MS	Matrix Spike	83	71
890-7317-A-1-C MSD	Matrix Spike Duplicate	82	70
890-7318-1	TP - 5	92	70
890-7318-2	TP - 5	85	67 S1-
LCS 880-94386/2-A	Lab Control Sample	122	114
LCSD 880-94386/3-A	Lab Control Sample Dup	113	102
MB 880-94386/1-A	Method Blank	133 S1+	109
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-94387/5-A
Matrix: Solid
Analysis Batch: 94375

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/30/24 09:04	10/30/24 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/30/24 09:04	10/30/24 11:33	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/30/24 09:04	10/30/24 11:33	1

Lab Sample ID: LCS 880-94387/1-A
Matrix: Solid
Analysis Batch: 94375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1065		mg/Kg		107	70 - 130
Toluene	0.100	0.1084		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2088		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-94387/2-A
Matrix: Solid
Analysis Batch: 94375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 94387

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	6	35
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	6	35
Ethylbenzene	0.100	0.1005		mg/Kg		100	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1948		mg/Kg		97	70 - 130	7	35
o-Xylene	0.100	0.09887		mg/Kg		99	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7317-A-1-D MS
Matrix: Solid
Analysis Batch: 94375

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09924		mg/Kg		99	70 - 130
Toluene	<0.00201	U	0.100	0.1008		mg/Kg		101	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

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

Lab Sample ID: 890-7317-A-1-D MS

Matrix: Solid

Analysis Batch: 94375

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09907		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1929		mg/Kg		96	70 - 130
o-Xylene	<0.00201	U	0.100	0.09683		mg/Kg		97	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	104		70 - 130						
1,4-Difluorobenzene (Surr)	99		70 - 130						

Lab Sample ID: 890-7317-A-1-E MSD

Matrix: Solid

Analysis Batch: 94375

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09904		mg/Kg		99	70 - 130	0	35
Toluene	<0.00201	U	0.100	0.09974		mg/Kg		100	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.09800		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1908		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00201	U	0.100	0.09627		mg/Kg		96	70 - 130	1	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

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

Lab Sample ID: MB 880-94386/1-A

Matrix: Solid

Analysis Batch: 94393

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/29/24 17:00	10/30/24 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/29/24 17:00	10/30/24 03:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/29/24 17:00	10/30/24 03:52	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				10/29/24 17:00	10/30/24 03:52	1
o-Terphenyl	109		70 - 130				10/29/24 17:00	10/30/24 03:52	1

Lab Sample ID: LCS 880-94386/2-A

Matrix: Solid

Analysis Batch: 94393

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1034		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	894.9		mg/Kg		89	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

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

Lab Sample ID: LCS 880-94386/2-A

Matrix: Solid

Analysis Batch: 94393

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94386

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-94386/3-A

Matrix: Solid

Analysis Batch: 94393

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 94386

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	965.4		mg/Kg		97	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	793.2		mg/Kg		79	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 890-7317-A-1-B MS

Matrix: Solid

Analysis Batch: 94393

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 94386

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	994	740.0		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U F1	994	642.7	F1	mg/Kg		65	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	71		70 - 130

Lab Sample ID: 890-7317-A-1-C MSD

Matrix: Solid

Analysis Batch: 94393

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 94386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	994	727.9		mg/Kg		73	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.7	U F1	994	624.0	F1	mg/Kg		63	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	70		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94417/1-A

Matrix: Solid

Analysis Batch: 94425

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/30/24 17:41	1

Lab Sample ID: LCS 880-94417/2-A

Matrix: Solid

Analysis Batch: 94425

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-94417/3-A

Matrix: Solid

Analysis Batch: 94425

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.9		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 890-7316-A-9-B MS

Matrix: Solid

Analysis Batch: 94425

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	104		249	350.9		mg/Kg		99	90 - 110

Lab Sample ID: 890-7316-A-9-C MSD

Matrix: Solid

Analysis Batch: 94425

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104		249	351.8		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

GC VOA

Analysis Batch: 94375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Total/NA	Solid	8021B	94387
890-7318-2	TP - 5	Total/NA	Solid	8021B	94387
MB 880-94387/5-A	Method Blank	Total/NA	Solid	8021B	94387
LCS 880-94387/1-A	Lab Control Sample	Total/NA	Solid	8021B	94387
LCSD 880-94387/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94387
890-7317-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	94387
890-7317-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94387

Prep Batch: 94387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Total/NA	Solid	5035	
890-7318-2	TP - 5	Total/NA	Solid	5035	
MB 880-94387/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94387/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94387/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7317-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7317-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 94448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Total/NA	Solid	Total BTEX	
890-7318-2	TP - 5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 94386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Total/NA	Solid	8015NM Prep	
890-7318-2	TP - 5	Total/NA	Solid	8015NM Prep	
MB 880-94386/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94386/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7317-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7317-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 94393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Total/NA	Solid	8015B NM	94386
890-7318-2	TP - 5	Total/NA	Solid	8015B NM	94386
MB 880-94386/1-A	Method Blank	Total/NA	Solid	8015B NM	94386
LCS 880-94386/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94386
LCSD 880-94386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94386
890-7317-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	94386
890-7317-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	94386

Analysis Batch: 94504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Total/NA	Solid	8015 NM	
890-7318-2	TP - 5	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

HPLC/IC

Leach Batch: 94417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Soluble	Solid	DI Leach	
890-7318-2	TP - 5	Soluble	Solid	DI Leach	
MB 880-94417/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94417/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94417/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7316-A-9-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7316-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 94425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7318-1	TP - 5	Soluble	Solid	300.0	94417
890-7318-2	TP - 5	Soluble	Solid	300.0	94417
MB 880-94417/1-A	Method Blank	Soluble	Solid	300.0	94417
LCS 880-94417/2-A	Lab Control Sample	Soluble	Solid	300.0	94417
LCSD 880-94417/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94417
890-7316-A-9-B MS	Matrix Spike	Soluble	Solid	300.0	94417
890-7316-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94417

Lab Chronicle

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Client Sample ID: TP - 5

Lab Sample ID: 890-7318-1

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	94387	10/30/24 09:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94375	10/30/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94448	10/30/24 12:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			94504	10/30/24 12:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94386	10/30/24 09:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94393	10/30/24 12:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	94417	10/30/24 12:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94425	10/30/24 19:55	SMC	EET MID

Client Sample ID: TP - 5

Lab Sample ID: 890-7318-2

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	94387	10/30/24 09:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94375	10/30/24 16:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94448	10/30/24 16:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			94504	10/30/24 13:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	94386	10/30/24 09:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94393	10/30/24 13:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	94417	10/30/24 12:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94425	10/30/24 20:00	SMC	EET MID

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Laboratory: Eurofins Midland

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

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

Method Summary

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7318-1	TP - 5	Solid	10/29/24 00:00	10/29/24 16:30	7 - 7.5
890-7318-2	TP - 5	Solid	10/29/24 00:00	10/29/24 16:30	8 - 8.5

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Chain of Custody

Work Order No: _____

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Jim Reilly
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com
Work Order Comments: Program: <input checked="" type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: _____ Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____			

Project Name:	Snapping 10 Fed 1 Battery	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST		Preservative Codes	
Project Number:	248872	Due Date:					None: NO DI Water: H ₂ O	
Project Location:	Eddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm					Cool: Cool MeOH: Me	
Sampler's Name:	Kellan Smith						HCL: HC HNO ₃ : HN	
PO #:	21371405						H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		H ₃ PO ₄ : HP	
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:					NaHSO ₄ : NABIS	
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:					Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:					Zn Acetate+NaOH: Zn	
Total Containers:	2	Corrected Temperature:					NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft. bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
TP-5	7-7.5'	10/29/2024		X		Grab	1	X X X
TP-5	8-8.5'	10/29/2024		X		Grab	1	X X X

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1					
2		10/29/2024			
3					
4					
5					

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7318-1

SDG Number: 248872

Login Number: 7318

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7318-1

SDG Number: 248872

Login Number: 7318

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 10/30/24 08:44 AM

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

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

December 10, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SNAPPING 10 FED 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/20/24 15:25.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP 7 2'	H247095-02	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 3'	H247095-03	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 4'	H247095-04	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 5'	H247095-05	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 6'	H247095-06	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 8'	H247095-07	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 9'	H247095-08	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 10'	H247095-09	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 11'	H247095-10	Soil	20-Nov-24 10:00	20-Nov-24 15:25
TP 7 7'	H247095-11	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 7 12'	H247095-12	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 7 13'	H247095-13	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 7 14'	H247095-14	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 7 15'	H247095-15	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 8 1'	H247095-16	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 8 2'	H247095-17	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 8 3'	H247095-18	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 8 4'	H247095-19	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 9 1'	H247095-20	Soil	20-Nov-24 10:30	20-Nov-24 15:25
TP 9 2'	H247095-21	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9 3'	H247095-22	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9 4'	H247095-23	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9 5'	H247095-24	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9 6'	H247095-25	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9 7'	H247095-26	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9 8'	H247095-27	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9 9'	H247095-28	Soil	20-Nov-24 11:00	20-Nov-24 15:25

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9	10'	H247095-29	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9	11'	H247095-30	Soil	20-Nov-24 11:00	20-Nov-24 15:25
TP 9	12'	H247095-31	Soil	20-Nov-24 12:00	20-Nov-24 15:25
TP 9	13'	H247095-32	Soil	20-Nov-24 12:00	20-Nov-24 15:25
TP 9	14'	H247095-33	Soil	20-Nov-24 12:00	20-Nov-24 15:25
TP 9	15'	H247095-34	Soil	20-Nov-24 12:00	20-Nov-24 15:25
H 19	0-.5'	H247095-35	Soil	20-Nov-24 12:00	20-Nov-24 15:25

12/04/24 - Client took all samples off hold and rushed BTEX and TPH. Chlorides were added at normal TAT (see COC). This is the revised report with the BTEX and TPH added and will replace the one sent on 11/26/24.

12/10/24 - This is the completed report with all the additional analysis. This report will replace the one sent on 12/04/24 as revision 2.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 2'
H247095-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1600		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		4112131	JH	23-Nov-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

Surrogate: 1-Chlorooctane			81.9 %	48.2-134		4112114	MS	22-Nov-24	8015B	
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Surrogate: 1-Chlorooctadecane			78.9 %	49.1-148		4112114	MS	22-Nov-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 3'
H247095-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1470		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %		71.5-134	4112131	JH	23-Nov-24	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.9 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.3 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 4'
H247095-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3320		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		102 %		71.5-134		4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

Surrogate: 1-Chlorooctane		81.4 %		48.2-134		4112114	MS	22-Nov-24	8015B	
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Surrogate: 1-Chlorooctadecane		78.5 %		49.1-148		4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 5'
H247095-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2960		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %		71.5-134	4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.3 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.9 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 6'
H247095-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	5040		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %		71.5-134	4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.9 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.9 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 8'
H247095-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	4880		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.3 %		48.2-134	4120355	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.4 %		49.1-148	4120355	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 9'
H247095-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3840		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.2 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.5 %		48.2-134	4120355	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %		49.1-148	4120355	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 10'
H247095-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3920		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.5 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.1 %		48.2-134	4120355	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			98.0 %		49.1-148	4120355	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 11'
H247095-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2560		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.0 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %		48.2-134	4120355	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %		49.1-148	4120355	MS	04-Dec-24	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 7'
H247095-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2960		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %		71.5-134	4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.5 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.9 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 12'
H247095-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2480		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.9 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			105 %		48.2-134	4120355	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %		49.1-148	4120355	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 13'
H247095-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2200		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.6 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120355	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.4 %		48.2-134	4120355	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.9 %		49.1-148	4120355	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 14'
H247095-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1340		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.8 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			122 %		48.2-134	4120356	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			109 %		49.1-148	4120356	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 7 15'
H247095-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	912		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			111 %		48.2-134	4120356	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.3 %		49.1-148	4120356	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 8 1'
H247095-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2960		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	42.2		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

Surrogate: 1-Chlorooctane			80.7 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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Surrogate: 1-Chlorooctadecane			79.3 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 8 2'
H247095-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %		71.5-134	4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.7 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.2 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 8 3'
H247095-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.1 %		71.5-134	4120407	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	

Surrogate: 1-Chlorooctane			124 %		48.2-134	4120356	MS	04-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane			108 %		49.1-148	4120356	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 8 4'
H247095-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %		71.5-134	4120408	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			132 %		48.2-134	4120356	MS	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %		49.1-148	4120356	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 1'
H247095-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	10800		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		101 %		71.5-134	4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>		76.5 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		73.6 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 2'
H247095-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2080		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112131	JH	23-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %		71.5-134	4112131	JH	23-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.3 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.4 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 3'
H247095-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	6240		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112132	JH	25-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.4 %		71.5-134	4112132	JH	25-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.9 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.2 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 4'
H247095-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	8000		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112132	JH	25-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.2 %		71.5-134	4112132	JH	25-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.4 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.8 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 5'
H247095-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	12000		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112132	JH	25-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.9 %		71.5-134	4112132	JH	25-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.6 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.8 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 6'
H247095-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	12000		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112132	JH	25-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.8 %		71.5-134	4112132	JH	25-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.1 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.3 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 7'
H247095-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	14200		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112132	JH	25-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %		71.5-134	4112132	JH	25-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.2 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.8 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 8'
H247095-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	17200		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	4120408	JH	04-Dec-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B

Surrogate: 1-Chlorooctane	122 %	48.2-134	4120356	MS	04-Dec-24	8015B
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Surrogate: 1-Chlorooctadecane	111 %	49.1-148	4120356	MS	04-Dec-24	8015B
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 9'
H247095-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	10600		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		102 %		71.5-134		4120408	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120356	MS	04-Dec-24	8015B	

Surrogate: 1-Chlorooctane		110 %		48.2-134		4120356	MS	04-Dec-24	8015B	
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Surrogate: 1-Chlorooctadecane		98.9 %		49.1-148		4120356	MS	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 10'
H247095-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	6160		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134 4120408 JH 04-Dec-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	

Surrogate: 1-Chlorooctane 117 % 48.2-134 4120412 ms 04-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 109 % 49.1-148 4120412 ms 04-Dec-24 8015B

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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 11'
H247095-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	5360		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		4120408	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			107 %	48.2-134		4120412	ms	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			102 %	49.1-148		4120412	ms	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 12'
H247095-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	6480		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		4120408	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			114 %	48.2-134		4120412	ms	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	49.1-148		4120412	ms	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 13'
H247095-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	6640		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 4120408 JH 04-Dec-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	

Surrogate: 1-Chlorooctane 112 % 48.2-134 4120412 ms 04-Dec-24 8015B

Surrogate: 1-Chlorooctadecane 103 % 49.1-148 4120412 ms 04-Dec-24 8015B

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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 14'
H247095-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	6000		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		4120408	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			109 %	48.2-134		4120412	ms	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	49.1-148		4120412	ms	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

TP 9 15'
H247095-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	7600		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4120408	JH	04-Dec-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4120408	JH	04-Dec-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		4120408	JH	04-Dec-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4120412	ms	04-Dec-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			105 %	48.2-134		4120412	ms	04-Dec-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			97.6 %	49.1-148		4120412	ms	04-Dec-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

H 19 0-.5'
H247095-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4112132	JH	25-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4112132	JH	25-Nov-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.2 %		71.5-134	4112132	JH	25-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4112114	MS	22-Nov-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.8 %		48.2-134	4112114	MS	22-Nov-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.0 %		49.1-148	4112114	MS	22-Nov-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4112549 - 1:4 DI Water**Blank (4112549-BLK1)**

Prepared & Analyzed: 25-Nov-24

Chloride	ND	16.0	mg/kg							
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LCS (4112549-BS1)

Prepared & Analyzed: 25-Nov-24

Chloride	432	16.0	mg/kg	400	108	80-120				
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LCS Dup (4112549-BSD1)

Prepared & Analyzed: 25-Nov-24

Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20		
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Batch 4112554 - 1:4 DI Water**Blank (4112554-BLK1)**

Prepared: 25-Nov-24 Analyzed: 26-Nov-24

Chloride	ND	16.0	mg/kg							
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LCS (4112554-BS1)

Prepared: 25-Nov-24 Analyzed: 26-Nov-24

Chloride	464	16.0	mg/kg	400	116	80-120				
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LCS Dup (4112554-BSD1)

Prepared: 25-Nov-24 Analyzed: 26-Nov-24

Chloride	448	16.0	mg/kg	400	112	80-120	3.51	20		
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Batch 4120438 - 1:4 DI Water**Blank (4120438-BLK1)**

Prepared & Analyzed: 04-Dec-24

Chloride	ND	16.0	mg/kg							
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LCS (4120438-BS1)

Prepared & Analyzed: 04-Dec-24

Chloride	432	16.0	mg/kg	400	108	80-120				
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4120438 - 1:4 DI Water**LCS Dup (4120438-BSD1)**

Prepared & Analyzed: 04-Dec-24

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Duplicate (4120438-DUP1)

Source: H247095-29

Prepared & Analyzed: 04-Dec-24

Chloride	5200	16.0	mg/kg		6160			16.9	20	
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Batch 4120506 - 1:4 DI Water**Blank (4120506-BLK1)**

Prepared & Analyzed: 05-Dec-24

Chloride	ND	16.0	mg/kg							
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LCS (4120506-BS1)

Prepared & Analyzed: 05-Dec-24

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (4120506-BSD1)

Prepared & Analyzed: 05-Dec-24

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4112131 - Volatiles**Blank (4112131-BLK1)**

Prepared: 21-Nov-24 Analyzed: 23-Nov-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

LCS (4112131-BS1)

Prepared: 21-Nov-24 Analyzed: 23-Nov-24

Benzene	1.92	0.050	mg/kg	2.00		96.1	82.8-130			
Toluene	1.99	0.050	mg/kg	2.00		99.3	86-128			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.9	85.9-128			
m,p-Xylene	3.96	0.100	mg/kg	4.00		98.9	89-129			
o-Xylene	1.89	0.050	mg/kg	2.00		94.7	86.1-125			
Total Xylenes	5.85	0.150	mg/kg	6.00		97.5	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

LCS Dup (4112131-BSD1)

Prepared: 21-Nov-24 Analyzed: 23-Nov-24

Benzene	1.99	0.050	mg/kg	2.00		99.7	82.8-130	3.66	15.8	
Toluene	2.07	0.050	mg/kg	2.00		104	86-128	4.28	15.9	
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	85.9-128	4.48	16	
m,p-Xylene	4.13	0.100	mg/kg	4.00		103	89-129	4.25	16.2	
o-Xylene	1.98	0.050	mg/kg	2.00		98.8	86.1-125	4.23	16.7	
Total Xylenes	6.10	0.150	mg/kg	6.00		102	88.2-128	4.24	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			

Batch 4112132 - Volatiles**Blank (4112132-BLK1)**

Prepared: 21-Nov-24 Analyzed: 25-Nov-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4112132 - Volatiles**Blank (4112132-BLK1)**

Prepared: 21-Nov-24 Analyzed: 25-Nov-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.5	71.5-134			

LCS (4112132-BS1)

Prepared: 21-Nov-24 Analyzed: 25-Nov-24

Benzene	2.12	0.050	mg/kg	2.00		106	82.8-130			
Toluene	2.05	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	4.11	0.100	mg/kg	4.00		103	89-129			
o-Xylene	2.01	0.050	mg/kg	2.00		100	86.1-125			
Total Xylenes	6.12	0.150	mg/kg	6.00		102	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.2	71.5-134			

LCS Dup (4112132-BS1)

Prepared: 21-Nov-24 Analyzed: 25-Nov-24

Benzene	2.09	0.050	mg/kg	2.00		105	82.8-130	1.55	15.8	
Toluene	1.99	0.050	mg/kg	2.00		99.6	86-128	2.79	15.9	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.3	85.9-128	3.18	16	
m,p-Xylene	3.96	0.100	mg/kg	4.00		99.1	89-129	3.64	16.2	
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	86.1-125	3.92	16.7	
Total Xylenes	5.89	0.150	mg/kg	6.00		98.2	88.2-128	3.73	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.4	71.5-134			

Batch 4120407 - Volatiles**Blank (4120407-BLK1)**

Prepared & Analyzed: 04-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.1	71.5-134			

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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4120407 - Volatiles**LCS (4120407-BS1)**

Prepared & Analyzed: 04-Dec-24

Benzene	2.11	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.03	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	2.05	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	89-129			
o-Xylene	2.01	0.050	mg/kg	2.00		100	86.1-125			
Total Xylenes	6.12	0.150	mg/kg	6.00		102	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID)

0.0506

mg/kg

0.0500

101

71.5-134

LCS Dup (4120407-BSD1)

Prepared & Analyzed: 04-Dec-24

Benzene	2.23	0.050	mg/kg	2.00		112	82.8-130	5.89	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	86-128	6.13	15.9	
Ethylbenzene	2.18	0.050	mg/kg	2.00		109	85.9-128	6.04	16	
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	89-129	6.01	16.2	
o-Xylene	2.14	0.050	mg/kg	2.00		107	86.1-125	6.40	16.7	
Total Xylenes	6.51	0.150	mg/kg	6.00		109	88.2-128	6.14	16.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0500

mg/kg

0.0500

100

71.5-134

Batch 4120408 - Volatiles**Blank (4120408-BLK1)**

Prepared & Analyzed: 04-Dec-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)

0.0513

mg/kg

0.0500

103

71.5-134

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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4120408 - Volatiles**LCS (4120408-BS1)**

Prepared & Analyzed: 04-Dec-24

Benzene	2.20	0.050	mg/kg	2.00		110	82.8-130		
Toluene	2.28	0.050	mg/kg	2.00		114	86-128		
Ethylbenzene	2.23	0.050	mg/kg	2.00		112	85.9-128		
m,p-Xylene	4.70	0.100	mg/kg	4.00		117	89-129		
o-Xylene	2.27	0.050	mg/kg	2.00		113	86.1-125		
Total Xylenes	6.97	0.150	mg/kg	6.00		116	88.2-128		
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	71.5-134		

LCS Dup (4120408-BS1)

Prepared & Analyzed: 04-Dec-24

Benzene	2.20	0.050	mg/kg	2.00		110	82.8-130	0.106	15.8
Toluene	2.27	0.050	mg/kg	2.00		114	86-128	0.470	15.9
Ethylbenzene	2.22	0.050	mg/kg	2.00		111	85.9-128	0.491	16
m,p-Xylene	4.71	0.100	mg/kg	4.00		118	89-129	0.176	16.2
o-Xylene	2.27	0.050	mg/kg	2.00		114	86.1-125	0.296	16.7
Total Xylenes	6.98	0.150	mg/kg	6.00		116	88.2-128	0.215	16.3
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	71.5-134		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4112114 - General Prep - Organics**Blank (4112114-BLK1)**

Prepared: 21-Nov-24 Analyzed: 22-Nov-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	41.5		mg/kg	50.0		82.9	48.2-134		
Surrogate: 1-Chlorooctadecane	40.5		mg/kg	50.0		80.9	49.1-148		

LCS (4112114-BS1)

Prepared: 21-Nov-24 Analyzed: 22-Nov-24

GRO C6-C10	197	10.0	mg/kg	200		98.4	81.5-123		
DRO >C10-C28	179	10.0	mg/kg	200		89.3	77.7-122		
Total TPH C6-C28	375	10.0	mg/kg	400		93.9	80.9-121		
Surrogate: 1-Chlorooctane	42.4		mg/kg	50.0		84.8	48.2-134		
Surrogate: 1-Chlorooctadecane	40.4		mg/kg	50.0		80.9	49.1-148		

LCS Dup (4112114-BS1)

Prepared: 21-Nov-24 Analyzed: 22-Nov-24

GRO C6-C10	189	10.0	mg/kg	200		94.5	81.5-123	4.07	13
DRO >C10-C28	185	10.0	mg/kg	200		92.7	77.7-122	3.74	15.6
Total TPH C6-C28	374	10.0	mg/kg	400		93.6	80.9-121	0.277	18.5
Surrogate: 1-Chlorooctane	42.4		mg/kg	50.0		84.9	48.2-134		
Surrogate: 1-Chlorooctadecane	40.2		mg/kg	50.0		80.5	49.1-148		

Batch 4120355 - General Prep - Organics**Blank (4120355-BLK1)**

Prepared: 03-Dec-24 Analyzed: 04-Dec-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	39.8		mg/kg	50.0		79.6	48.2-134		
Surrogate: 1-Chlorooctadecane	37.9		mg/kg	50.0		75.8	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4120355 - General Prep - Organics**LCS (4120355-BS1)**

Prepared: 03-Dec-24 Analyzed: 04-Dec-24

GRO C6-C10	196	10.0	mg/kg	200		97.8	81.5-123		
DRO >C10-C28	182	10.0	mg/kg	200		91.0	77.7-122		
Total TPH C6-C28	378	10.0	mg/kg	400		94.4	80.9-121		
Surrogate: 1-Chlorooctane	44.6		mg/kg	50.0		89.1	48.2-134		
Surrogate: 1-Chlorooctadecane	42.1		mg/kg	50.0		84.1	49.1-148		

LCS Dup (4120355-BS1)

Prepared: 03-Dec-24 Analyzed: 04-Dec-24

GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123	7.07	13
DRO >C10-C28	203	10.0	mg/kg	200		102	77.7-122	11.2	15.6
Total TPH C6-C28	413	10.0	mg/kg	400		103	80.9-121	9.06	18.5
Surrogate: 1-Chlorooctane	45.2		mg/kg	50.0		90.4	48.2-134		
Surrogate: 1-Chlorooctadecane	42.9		mg/kg	50.0		85.7	49.1-148		

Batch 4120356 - General Prep - Organics**Blank (4120356-BLK1)**

Prepared: 03-Dec-24 Analyzed: 04-Dec-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	49.8		mg/kg	50.0		99.7	48.2-134		
Surrogate: 1-Chlorooctadecane	42.8		mg/kg	50.0		85.6	49.1-148		

LCS (4120356-BS1)

Prepared: 03-Dec-24 Analyzed: 04-Dec-24

GRO C6-C10	201	10.0	mg/kg	200		100	81.5-123		
DRO >C10-C28	196	10.0	mg/kg	200		97.8	77.7-122		
Total TPH C6-C28	396	10.0	mg/kg	400		99.0	80.9-121		
Surrogate: 1-Chlorooctane	59.0		mg/kg	50.0		118	48.2-134		
Surrogate: 1-Chlorooctadecane	51.5		mg/kg	50.0		103	49.1-148		

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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: SNAPPING 10 FED 1 BATTERY
Project Number: 248872
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
10-Dec-24 10:56

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 4120356 - General Prep - Organics**LCS Dup (4120356-BSD1)**

Prepared: 03-Dec-24 Analyzed: 04-Dec-24

GRO C6-C10	207	10.0	mg/kg	200		104	81.5-123	3.32	13	
DRO >C10-C28	200	10.0	mg/kg	200		100	77.7-122	2.42	15.6	
Total TPH C6-C28	408	10.0	mg/kg	400		102	80.9-121	2.88	18.5	
Surrogate: 1-Chlorooctane	58.5		mg/kg	50.0		117	48.2-134			
Surrogate: 1-Chlorooctadecane	50.8		mg/kg	50.0		102	49.1-148			

Batch 4120412 - General Prep - Organics**Blank (4120412-BLK1)**

Prepared & Analyzed: 04-Dec-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.3		mg/kg	50.0		84.6	48.2-134			
Surrogate: 1-Chlorooctadecane	36.5		mg/kg	50.0		73.1	49.1-148			

LCS (4120412-BS1)

Prepared & Analyzed: 04-Dec-24

GRO C6-C10	231	10.0	mg/kg	200		116	81.5-123			
DRO >C10-C28	213	10.0	mg/kg	200		107	77.7-122			
Total TPH C6-C28	445	10.0	mg/kg	400		111	80.9-121			
Surrogate: 1-Chlorooctane	49.3		mg/kg	50.0		98.6	48.2-134			
Surrogate: 1-Chlorooctadecane	41.4		mg/kg	50.0		82.8	49.1-148			

LCS Dup (4120412-BSD1)

Prepared & Analyzed: 04-Dec-24

GRO C6-C10	230	10.0	mg/kg	200		115	81.5-123	0.517	13	
DRO >C10-C28	221	10.0	mg/kg	200		110	77.7-122	3.34	15.6	
Total TPH C6-C28	451	10.0	mg/kg	400		113	80.9-121	1.35	18.5	
Surrogate: 1-Chlorooctane	48.7		mg/kg	50.0		97.4	48.2-134			
Surrogate: 1-Chlorooctadecane	41.1		mg/kg	50.0		82.1	49.1-148			

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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".

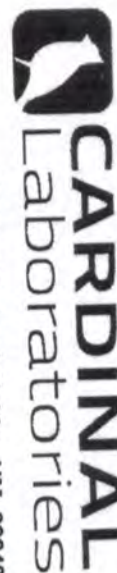
Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTC						P.O. #: Z187905						
Project Manager: Ethan Sedums						Company: Davon						
Address: 209 W McHenry						Attn:						
City: Oak Brook						State: IL Zip: 60200						
Phone #: 314-266-5456 Fax #:												
Project #: 298872 Project Owner:												
Project Name: Snapping 10 Feb 14						City: State: Zip:						
Project Location: Eddy County						Phone #:						
Sampler Name: J. Vernehl						Fax #:						
FOR LAB USE ONLY												
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX GROUNDWATER WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: ACID/BASE: ICE / COOL OTHER :	PRESERV	SAMPLING	DATE TIME		ANALYSIS REQUEST	
HAT09S	+ 2'	-TPT 1'	G - 1'	X	11-20-24	10:00	Chlorides	TPH	BTEX	Hold	{ Hold Removed with Same Day Rush-BTex/TPH Standard TAT On CL 12/4/24 }	*SR 11-20-24 NO SAMPLE
a	TPT 2'	-TPT 2'										
m	TPT 3'	-TPT 3'										
y	TPT 4'	-TPT 4'										
v	TPT 5'	-TPT 5'										
e	TPT 6'	-TPT 6'										
r	TPT 8'	-TPT 8'										
s	TPT 9'	-TPT 9'										
g	TPT 10'	-TPT 10'										
n	TPT 11'	-TPT 11'										
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Relinquished By:		Date: 11-20-24	Received By:	Turnaround Time:		Standard <input checked="" type="checkbox"/>	Rush <input type="checkbox"/>	Bacteria (only)	Sample Condition	Cool Intact <input type="checkbox"/>	Observed Temp. °C	
Reinquinshed By:		Date:	Time: 3:25	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		All Results are emailed. Please provide Email address:		REMARKS: * NO sample #! Speediquey				
Delivered By: (Circle One)		Observed Temp. °C	Corrected Temp. °C	CHECKED BY: (Initials)								
Sampler - UPS - Bus - Other:		Corrected Temp. °C	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID #140 Correction Factor .05°C								

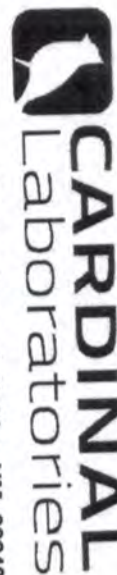


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTC Project Manager: Ethan Seburns Address: 209 W McHenry City: Cary, ND State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: Project #: 248872 Project Owner: Project Name: Snapping 10 Feb 14 Project Location: Eddy County Sampler Name: W. Verhulst		BILL TO P.O. #: 21371405 Company: Doherty Attn: Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. 42417095		Sample I.D. TP7 7' TP7 12' TP7 13' TP7 14' TP7 15' TP8 1' TP8 2' TP8 3' TP8 4' TP9 1'	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING	
DATE 11-20-24 TIME 10:30		ANALYSIS REQUEST Chlorides TPH BTEX Hold Hold Removed with Same Day Rush - BTEX/TPH Standard TAT on CL. 2/4/25	
Relinquished By: [Signature] Date: 11-20-24 Time: 3:25 Received By: [Signature] Date: Time:		REMARKS: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
Delivered By: (Circle One) UPS - Bus - Other: Observed Temp. °C: 0.1 Corrected Temp. °C: -0.5		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: [Signature] Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.5°C Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C	

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

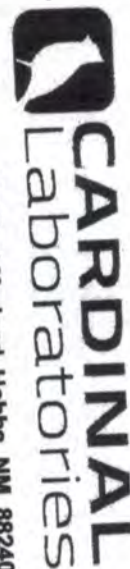


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTCOE Project Manager: Ethan Seburns Address: 209 W McLean City: Cary, ND State: ND Zip: 58220 Phone #: 254-266-5456 Fax #: Project #: 248872 Project Owner: Project Name: Snapping 10 Fed 14 Project Location: Eddy County Sampler Name: W. Verbeek				BILL TO P.O. #: 21371405 Company: Dutton Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				ANALYSIS REQUEST			
Lab I.D. HA17095		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL <input checked="" type="checkbox"/> OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		MATRIX PRESERV SAMPLING	
21 TP9 2' 22 TP9 3' 23 TP9 4' 24 TP9 5' 25 TP9 6' 26 TP9 7' 27 TP9 8' 28 TP9 9' 29 TP9 10' 30 TP9 11'		DATE 1/20/24 TIME 11:00		Chlorides TPH BTEX Hold		Hold Removed with Same Day Rush - BTEX / TPH Standard Tat on CL 12/4/24	
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C: 0.1 Corrected Temp. °C: 0.52 Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature]			
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.5°C				Bacteria (only) Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: Corrected Temp. °C:			
REMARKS:				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:			

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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 433692

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 433692
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2419429665
Incident Name	NAPP2419429665 SNAPPING 10 FED 1H BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2130628949] SNAPPING 10 FED 1H BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SNAPPING 10 FED 1H BATTERY
Date Release Discovered	07/12/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 95 BBL Recovered: 50 BBL Lost: 45 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Operator found wells had surged causing facility and heater treater to pressure up and release fluids from the top of the heater. The level in the heater was lowered to prevent further spillage. The HOA for the rod pumps was shut off too. 95 bbls released. 50 bbls recovered. Spill was on the pad and went offsite to the east of the location.

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

QUESTIONS, Page 2

Action 433692

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 433692
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	95 bbls released onto pad. 50 bbls were recovered

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 02/20/2025
--	---

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 433692

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 433692
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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 ½ and 1 (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	Between ½ and 1 (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	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	17200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	27060
GRO+DRO (EPA SW-846 Method 8015M)	23360
BTEX (EPA SW-846 Method 8021B or 8260B)	465
Benzene (EPA SW-846 Method 8021B or 8260B)	13
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/20/2025
On what date will (or did) the final sampling or liner inspection occur	03/10/2025
On what date will (or was) the remediation complete(d)	03/24/2025
What is the estimated surface area (in square feet) that will be reclaimed	3055
What is the estimated volume (in cubic yards) that will be reclaimed	453
What is the estimated surface area (in square feet) that will be remediated	26341
What is the estimated volume (in cubic yards) that will be remediated	3500
<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>	

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 4

Action 433692

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 433692
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 02/20/2025
<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 433692

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 433692
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 433692

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 433692
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

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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Santa Fe, NM 87505

CONDITIONS

Action 433692

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 433692
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	2/24/2025