

March 19, 2025

209 W. McKay Street Carlsbad, New Mexico 88220 Tel. 432-701-2159 www.ntgenvironmental.com

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.

Creating a Better Environment For Oil & Gas Operations Mr. Mike Bratcher March 19, 2025 Page 2 of 5

# **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 <sup>1</sup>/<sub>2</sub>-mile radius of the Site, drilled in 2023 to a reported depth of fifty-five (55) feet (ft) below ground surface (bgs) whereby no groundwater was measured. 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. Approximately 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.



Mr. Mike Bratcher March 19, 2025 Page 3 of 5

## 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<sup>®</sup> 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-ofcustody 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, and/or TPH concentrations exceeded NMOCD regulatory limits in the areas of S-1 through S-9 up to three and a half (3.5) ft bgs. 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-4 and TP-6 up to six to six and a half (6-6.5) and three to three and a half (3-3.5) ft bgs respectively. 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 at a concentration of 100.5 mg/kg. All other samples were below NMOCD regulatory limits.

NTGE Project No.: 248872



Mr. Mike Bratcher March 19, 2025 Page 4 of 5

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 was 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 the samples were 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 Eurofins in Carlsbad, 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 though 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-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 areas of S-1 to S-3, TP-1 and TP-2, TP-7, H-2, H-3, H-3A, H-15, H-15A, H-16, H-16A, H-16B, H-17, H-17A, and H-18 to a depth of one (1) ft bgs, areas of S-4, S-5, S-8 to S-10, TP-3, TP-5 and TP-6 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 impacts exceeding the table one criteria for 55ft ground water are removed from the Site. NTGE request that all impacts from surface to 4ft bgs below the updated sampling criterion be left in place and handled upon reclamation of the site. Approximately 2,487 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. NTGE 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. NTGE, on behalf of Devon, respectfully requests a confirmation sampling variance where composite confirmation samples will represent an area no greater than 400 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

NTGE Project No.: 248872



Mr. Mike Bratcher March 19, 2025 Page 5 of 5

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

Sincerely, NTG Environmental

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Ethan Sessums Jr. Field Ops Manager

Attachments:

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



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NTGE Project No.: 248872

# TABLES

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I	Closure Crit	eria for Soil 5	1-100 feet D	Pepth to Gro	oundwater 19.15	5.29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
					Verti	ical Delineat	ion Samples						
	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
S-1	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
	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
S-2	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
	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
S-3	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
	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
S-4	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
	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
S-5	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
	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
S-7	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
	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
S-8	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
<b>TD</b> 4	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
TP-1	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
TD 3	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	96.0 224
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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										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I	<b>Closure Crit</b>	eria for Soil 51	L-100 feet D	Depth to Gro	undwater 19.15	5.29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
	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
TP-4	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
	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
TP-5	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
11-5	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
	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
TP-6	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
11-0	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
	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
TP-7	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
11-7	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
	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
TD-8	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
TP-8	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

Received by OCD: 3/27/2025 11:17:55 AM

										TPH			
Sample ID	Sample Date	Depth (ft has)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					1	Closure Crit		L-100 feet D	epth to Gro	undwater 19.15			
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
	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
TP-9	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	<b>392</b>	<b>392</b>	143	<b>535</b>	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 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	239 510	239 510	60.6 202	299.6 712	<u>1,150</u> 512
H-16A	8/23/2024	0-6"					<0.300	<10.0	73.5	73.5	202	100.5	240
H-16B H-16C	9/6/2024	0-6"	<0.050	<0.050 <0.050	<0.050	<0.150		<10.0	73.5 27.5	73.5 27.5	<10.0	27.5	
	9/11/2024		<0.050 <0.050		<0.050	<0.150	<0.300	<10.0	27.5	27.5		-	16.0
H-17	7/22/2024	0-6"		<0.050	<0.050	<0.150	<0.300		_	-	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		<0.050	<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	<b>921</b> <10.0	48.0
H-18A	8/23/2024	U-6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

NTGE Project Number: 248872

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Page 9 of 213

Sample ID	ample ID Sample Date		Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
				Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
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

SP-1

2.< = Value Less Than Reporting Limit (RL) 3. Bold indicates Analyte Detected

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

5. TPH analyses by EPA Method SW 8015 Mod.

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).

Sample Point Excavated

4. BTEX analyses by EPA Method SW 8021B

9. --- Not Analyzed

# FIGURES





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# Proposed Excavation Map

Devon Energy Production Company Snapping 10 Fed 1H Battery Eddy County, New Mexico 32.059336073, -103.759499

Received by OCD: 3/27/2025 11:17:55 AM

Area of Green: 1,019 sqft x 10 ft ~ 377 CY Area of Blue: 12,007 sqft x 1 ft ~ 445 CY Area of Yellow: 8,618 sqft x 4 ft ~ 1,277 CY Area of Orange: 1,498 sqft x 7 ft ~388 CY Area of Brown: 6,280 sqft x 0ft ~ 0 CY

9H-18

GTP-7

**H-18**A

GHLI

H-2

GTP-3

S-5

**CS**-4

HLSE

TP-4 S-7 91-5

14

H-12

S-3

GTP-1

H-18 • S-1

TP\_2

15A H-15

TP-9 •

о н-H-17<u>A</u> H-17

H-16B

● H-17B

• H-16C

Total CY: 2,487 CY

CY - Cubic Yards sqft - Square Feet Page 18 of 213
Legend
0 ft Excavation
1 ft Excavation
10 ft Excavation
4ft Excavation
7ft Excavation
Horizontal Delineation Point
Test Pit Location

Vertical Delineation Point

S-9TP-64-10 S-1

Google Earth

# SITE CHARACTERIZATION INFORMATION

# Karst Potential Map







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

New Mexico Oil Conservation Division 17f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

# **OSE POD Location Map**



- GIS WATERS PODs
- Plugged
  - 0 Active

Pending

0

- Water Right Regulations
  - - Artesian Planning Area NHD Flowlines

Both Estates

- OSE District Boundary New Mexico State Trust Lands -
  - Stream River Subsurface Estate



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

NO	OSE POD NO. (W POD 1 (TW-)		)		VELL TAG ID NO. I/A			OSE FILE NO( C-04700	S).				
OCATI	WELL OWNER		μ.					PHONE (OPTI 575-748-18					
VELL L	WELL OWNER 1 6488 7 River		ADDRESS					CITY Artesia			STATE NM	88210	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)	LAT	TITUDE	GREES 32 103	MINUTES 3 45	SECONI 48.9 47.8	7 <sub>N</sub>	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84					
1. GENEI	DESCRIPTION	RELATIN	NGITUDE IG WELL LOCATION TO 1726S R31E NMPM								RE AVAIL	ABLE	
	LICENSE NO. 1249		NAME OF LICENSED		ckie D. Atkins	;				F WELL DRIL Atkins Engin			nc.
	DRILLING STAT 4/17/23		DRILLING ENDED 4/17/23	DEPTH OF COMI Temporar	PLETED WELL (F y Well Mater			LE DEPTH (FT) ±55	DEPTH V	WATER FIRST	TENCOUN N/A	TERED (FT)	
Z	COMPLETED W	ELL IS:	ARTESIAN	ØRY HOLE	SHALLC	OW (UNCON	FINED)		WATER LE		A D/	ATE STATIC 1 4/25/	
RMATIO	DRILLING FLUI DRILLING MET	-	AIR	MUD MER CABLE	ADDITIV TOOL 🔽 OTH	VES – SPECI IER – SPECI	111	Hollow Stem	Auger	CHECK F	IERE IF PI ED	TLESS ADAF	PTER IS
DRILLING & CASING INFORMATION	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	(include cad	ATERIAL ANI GRADE ch casing string, ctions of screen	, and	CON	ASING NECTION TYPE	INSIDE	SING E DIAM. thes)	CASIN THIC	G WALL KNESS ches)	SLOT SIZE (inches)
NG & CA	0 55 ±6			A	oil Boring		(add coup	oling diameter)		-			-
DRILLI													
2.			P		•					-	2		
		_				-							
	DEPTH (fe	et bgl)	BORE HOLE	LIST	ANNULAR S	EAL MAT	ERIAL .	AND		MOUNT		метно	
TERIAL	FROM	то	DIAM. (inches)	GRAV	EL PACK SIZE	E-RANGE N/A	BY INTI	ERVAL	(ct	ubic feet)		PLACEN	IENT
ANNULAR MATERIAL													
3. AI													
	OSE INTERNA		Ø		POD NO	0. 1		WR-2 TRN		RECORD &	10G (V	ersion 01/2	8/2022)
LOC	CATION 2		316.10	2	12			WELL TAG	DNO.	VA		PAGE	I OF 2

	DEPTH (feet	bgl)		COLOR A	ND TYPE OF MA	TERIAL E	NCOUNT	ERED -		WAT	TER	ESTIMATEL YIELD FOR
	FROM	то	THICKNESS (feet)		ER-BEARING CA					BEAR (YES	ING?	WATER- BEARING ZONES (gpm
	0	4	4	Sand, medium	-fine grained, poorl	y, graded, u	inconsolio	lated, brown		Y	√ N	
	4	30	36	Cali	che, with silt semi-	consolidate	d, white/ta	an		Y	√N	
	30	55	25	Sand, fin	e- grained, poorly,	graded, unc	consolidat	ed, tan		Y	√ N	
										Y	N	
										Y	N	
										Y	N	
									1.1.1	Y	N	
										Y	N	
		_								Y	N	
			_						- 1	Y	N	
										Y	N	
	-			1			_			Y	N	
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	1								_	Y	N	
		-							_	Y	N	
	·	-							-	Y	N	
		-								Y	N	
	METHOD USE			OF WATER-BEARI	NG STRATA: DTHER – SPECIFY	<i>(</i> :			TOTAL WELL			0.00
	WELL TEST	STAR	TTIME, END TH ORMATION: Te be	ACH A COPY OF DA ME, AND A TABLE emporary well mate	SHOWING DISCH	Soil boring	D DRAW	DOWN OV	ER THE T	ESTIN gs froi	G PERIC	DD.
1212			36 Sr	happing 10 Federal	IH				12-33		- 16131	49°° 41
	PRINT NAME( Shane Eldridge			RVISOR(S) THAT PR	OVIDED ONSITE	SUPERVI	SION OF	WELL CON	STRUCT	ION O	THER TH	IAN LICENSEI
	CORRECT REC	CORD OI MIT HO	F THE ABOVE I	FIES THAT, TO THE DESCRIBED HOLE A 50 DAYS AFTER CO	ND THAT HE OF	SHE WIL	L FILE T	E AND BEL HIS WELL	IEF, THE RECORD	WITH	GOING THE ST.	IS A TRUE AN ATE ENGINEE
	Junio		URE OF DRILLE	ER / PRINT SIGNE			-	-	_	-4/2	DATE	
		SIGNAT	OKE OF DRILLE									
		SIGNAT	ORE OF DRIELL					-				
OF	R OSE INTERNA E NO.				POD NO.		- 1	WR-20 WE TRN NO.	100	RD &	-	rsion 01/28/202



telea				
Legend	Basemap	Query	Source	1:9,028
o Im	·			
gend				
🕺 All Laye	rs On/Off			 eline Ro
31/2		All Layer	Transparency	
	tlands Mapping ar	nd Classification		
	ands Mapping and	Classification		
		Classification		
	dia Chatan			
	ping Status In Progress (Only	NWT)		
11111	Not Mapped			
11111.	rian Habitat			
	ogeomorphic Map	oping (HGM) Line	ears	
	Riverine			3261 ft
	ogeomorphic Mar Depressional	oping (HGM) Poly	gons	
	Flats			
	Lacustrine Fringe			
	Riverine			
9	Slope			
	Iscape Position an	d Water Body (L	LWW) Linears	
	Lentic (LE)			
	Lotic RIver (LR)			
	Lotic Stream (LS)			
	Pond (PD) River (RV)			
	Stream (ST)			
	Terrene (TE)			
	Iscape Position an	d Water Body (L	LWW) Polygons	
	Lentic (LE)			
	Lake (LK)			
	Lotic River (LR)			3263 ft
	Lotic Stream (LS)			
	Pond (PD)			
	River (RV)			
	Stream (ST) Terrene (TE)			
	Iform (LLWW)			
	Basin			
	Flat			
	Floodplain			Lon: -103.74345°, Lat: 32.06587°



Rele					
egend	Basemap	Query	Source	1:1	:144,448
1	rers On/Off		Transparency	JW/ KuZ	Big Sinks
S NM W	etlands Mapping ar	nd Classification			1
WM Wet	lands Mapping and	Classification		Ż	3251 ft
	In Progress (Only	NWI)			
Rip	Not Mapped Parian Habitat			Z	3393 ft
_	drogeomorphic Map Riverine				at test
Hyd	drogeomorphic Map Depressional Flats	oping (HGM) Poly	ygons	-+-	BrushyDraw
	Lacustrine Fringe				1 / 5% . / 41° . 5 :
	Riverine Slope			1	Fucker Die
Lar	ndscape Position ar Lentic (LE)	d Water Body (L	LWW) Linears		- protection -
	-Lotic RIver (LR)				
	Lotic Stream (LS) Pond (PD)			1	Phantom
	-River (RV)				Ranks
	Stream (ST)			10.	
	-Terrene (TE)			0.	T N
Lar	ndscape Position ar Lentic (LE)	id Water Body (L	LWW) Polygons		Mas 3165 ft F
	Lake (LK)			-1	
	Lotic River (LR) Lotic Stream (LS)				
	Pond (PD)				
	River (RV)				
	Stream (ST)				
	Terrene (TE)				
Lar	ndform (LLWW) Basin				
	Flat				
E.	Floodplain			-	Lon: -103.74096°, Lat: 32.1495°





# Received by OCD: 3/27/2025 11:17:55 AM National Flood Hazard Layer FIRMette



# Legend

## Page 27 of 213



Releasea to Imaging: 3/31/2025 P.98:55 PM 1,500 2,000

regulatory purposes.

Basemap Imagery Source: USGS National Map 2023

# Wetlands Map



#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

Lake Other Riverine 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



**North Elevation** 



## **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

- **Snapping 10 Fed 1 Battery** Facility:
- County: Eddy County, New Mexico

# **Description:**

View of Test Pit





# LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



#### Analytical Results For:

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134 9	% 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DEVON - LEA CO., NM

#### Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	07/24/2024		Sampling Date:	07/22/2024
Reported:	07/29/2024		Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1		Sampling Condition:	Cool & Intact
Project Number:	248872		Sample Received By:	Alyssa Parras

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d 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	107 9	% 71.5-13	4						
Chloride, SM4500Cl-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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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\*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:		
Received:	07/24/2024	Sampl	ling Date:	07/22/2024
Reported:	07/29/2024	Sampl	ling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampl	ling Condition:	Cool & Intact
Project Number:	248872	Sampl	e Received By:	Alyssa Parras

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 9	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



SNAPPING 10 FED 1

DEVON - LEA CO., NM

248872

Cool & Intact

Alyssa Parras

Sampling Condition:

Sample Received By:

## Analytical Results For:

	NTG ENVIRONMENTAL	
	ETHAN SESSUMS	
	701 TRADEWINDS BLVD. SUITE C	
	MIDLAND TX, 79706	
	Fax To:	
07/24/2024	Sampling Date:	07/22/2024
07/29/2024	Sampling Type:	Soil

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

Received:

Reported: Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d 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	110 9	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	187	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL	
		ETHAN SESSUMS	
		701 TRADEWINDS BLVD. SUITE C	
		MIDLAND TX, 79706	
		Fax To:	
Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	NN SESSUMS IRADEWINDS BLVD. SUITE C AND TX, 79706					
Received:	07/24/2024		Sampling Date:	07/22/2024				
Reported:	07/29/2024		Sampling Type:	Soil				
Project Name:	SNAPPING 10 FED 1		Sampling Condition:	Cool & Intact				
Project Number:	248872		Sample Received By:	Alyssa Parras				

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



248872

DEVON - LEA CO., NM

Alyssa Parras

Sample Received By:

# Analytical Results For:

	N	TG ENVIRONMENTAL	
	E	THAN SESSUMS	
	70	)1 TRADEWINDS BLVD. SUITE C	
	М	IDLAND TX, 79706	
	Fa	ах То:	
Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact

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

Project Number:

Project Location:

BTEX 8021B	mg/	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.7	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	690	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	9360	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	1750	10.0	07/25/2024	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	200	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:	
Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition	on: Cool & Intact
Project Number:	248872	Sample Received	By: Alyssa Parras

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL	
		ETHAN SESSUMS	
		701 TRADEWINDS BLVD. SUITE C	
		MIDLAND TX, 79706	
		Fax To:	
Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	0						

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Celey D. Keene, Lab Director/Quality Manager



	NTG ENVIRONMENTAL
	ETHAN SESSUMS
	701 TRADEWINDS BLVD. SUITE C
	MIDLAND TX, 79706
	Fax To:
07/24/2024	Sampling Date:

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/25/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.4	% 49.1-14							

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	177	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	NTG ENVIRONMENTAL	
	ETHAN SESSUMS	
	701 TRADEWINDS BLVD. SUITE C	
	MIDLAND TX, 79706	
	Fax To:	
07/24/2024	Sampling Date:	0
		-

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL	
		ETHAN SESSUMS	
		701 TRADEWINDS BLVD. SUITE C	
		MIDLAND TX, 79706	
		Fax To:	
Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	24						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	18						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	356	% 49.1-14	8						

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\*=Accredited Analyte

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ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 07/24/2024 Sampling Date:		NTG ENVIRONMENTAL	
MIDLAND TX, 79706 Fax To:		ETHAN SESSUMS	
Fax To:		701 TRADEWINDS BLVD. SUITE C	
		MIDLAND TX, 79706	
07/24/2024 Sampling Date:		Fax To:	
07/24/2024 Sampling Date:			
	07/24/2024	Sampling Date:	(

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	24						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	18						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	412	% 49.1-14	8						

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## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C		
Received:	07/24/2024		Sampling Date:	07	/22/2024
Reported:	07/29/2024		Sampling Type:	So	il
Project Name:	SNAPPING 10 FED 1		Sampling Condition:	Co	ol & Intact
Project Number:	248872		Sample Received By:	Aly	vssa Parras

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d 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-02
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-02
Total Xylenes*	236	3.00	07/25/2024	ND	7.06	118	6.00	7.39	GC-NC1, QM-02
Total BTEX	364	6.00	07/25/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3710	10.0	07/25/2024	ND	180	90.0	200	0.940	
DRO >C10-C28*	7170	10.0	07/25/2024	ND	170	84.9	200	0.446	
EXT DRO >C28-C36	1120	10.0	07/25/2024	ND					
Surrogate: 1-Chlorooctane	220	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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248872

DEVON - LEA CO., NM

Alyssa Parras

Sample Received By:

## Analytical Results For:

		NTG ENVIRONMENTAL	
		ETHAN SESSUMS	
		701 TRADEWINDS BLVD. SUITE C	
		MIDLAND TX, 79706	
		Fax To:	
Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact

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

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	24						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	!8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	8						

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Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	242	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	NTG ENVIRONMENTAL
	ETHAN SESSUMS
	701 TRADEWINDS BLVD. SUITE C
	MIDLAND TX, 79706
	Fax To:
07/24/2024	Sampling Date:

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	0						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

	NTG ENVI	RONMENTAL	
	ETHAN SE	SSUMS	
	701 TRADI	EWINDS BLVD. SUITE C	
	MIDLAND	TX, 79706	
	Fax To:		
Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	148	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



	NTG ENVIRONMENTAL
	ETHAN SESSUMS
	701 TRADEWINDS BLVD. SUITE C
	MIDLAND TX, 79706
	Fax To:
07/24/2024	Sampling Date:

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	161	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	49.1-14	8						

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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	126 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager


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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 BTEX	<0.300	0.300	07/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	146	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/24/2024	Sampling Date:	07/22/2024
Reported:	07/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Alyssa Parras
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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

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 whatscever 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 whose 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 whose share there applied by the services arise 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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

248872       248872       2 County NM       Clayton T       21371405       PBlank:       Yes       No       NIA       Correction I       No       NA       Correction I       No       NA       Correction I       NA       NA       Correction I       NA       T/122/2024       9:36       7/122/2024       9:36       7/122/2024       9:44       9:42       7/122/2024       9:45       7/122/2024       9:51       7/122/2024       9:54       7/122/2024       9:55       7/122/2024       9:51       7/122/2024       9:54       7/122/2024       9:55       7/122/2024       9:51       7/122/2024       9:55       7/122/2024       9:57       7/122/2024       9:57       7/122/2024       9:57       Received	02200	432-701-2159	Carlsbad, NM 88220	S AN INICUAR ST	209 W McKay St	NTG Environmental	Ethan Sessums	Ian Secon
E       24872       County NM       Due Dat       No       NA       Date       Time       7/22/2024       9:36       7/22/2024       9:36       7/22/2024       9:36       7/22/2024       9:36       7/22/2024       9:37       7/22/2024       9:38       7/22/2024       9:48       7/22/2024       9:48       7/22/2024       9:48       7/22/2024       9:51       X       7/22/2024       9:54       X       7/22/2024       9:54       X       7/22/2024       9:57       X       7/22/2024       9:57       X       7/22/2024 <td></td> <td></td> <td>38220</td> <td>ot</td> <td>St</td> <td>ental</td> <td>S</td> <td>3</td>			38220	ot	St	ental	S	3
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			×	×	-	Grab	×	10:45	7/22/2024	9-0	S-7
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			×	×	-	Grab	×	10:30	7/22/2024	0-6	S-5
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# Page 59 of 62

# Page 92 of 213



5 3	) t .	Relinquished by:	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.	Additior	H-6	H-5	H-4	H-3	H-2	H-1	S-8	S-8	S-8	S-8	Identification	Cample	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	ate ZIP:		Name:		9
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24 24/143	Date/Time	1													Sample Comments	NaOH+Ascorbic Acid: SAPC	OH: Zn	25	0	2	NACH, NA	HNO3: HN	MeOH: Me	DI VValei. n20	DI WALLE II	Preservative Codes		Level IV		uperfund		466

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# Page 60 of 62

Page 93 of 213

		11	Relinquished by: (Signature)	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.	Additional Comments:	Additional Comm		H-15 0-6"	H-14 0-6"	H-13 0-6"	H-12 0-6"	H-11 0-6"	H-10 0-6"	H-9 0-6"	H-8 0-6"		ation Dep	12 13	oeais:					PO #	Complete Name	Project Location	Project Number:	Project Name: S	Phone: 432-701-2159	City, State ZIP: Carlsbad, NM 88220	Address: 209 W McKay St	y Name:			
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	241143		Date/Time														Sample Comments	Acid: SAP	DH: Zn	W.			NaOH: Na	HNO3: HN	MeOH: Me	DI VVdici. n20	DI Wata	tive Code		Level IV		uperfund		5of	CODE

# Page 61 of 62

Page 94 of 213

eived by		CD: 3/2	7/2025	11:	17:5	5 AM		Th	S	52	5																		
G	Relinquished by: (Signature)	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.	Additi					5-10	S-9	H-18		Id	Sample	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO 共	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager.	Drainet Manager
	y: (Signature)	document and reling a liable only for the co harge of \$85.00 will b	Additional Comments:					0-6"	., 20	0-6"	0-6"	(s6a 11) undar	Proved in the	27		Yes	X				Lea		Snap	432-701-2159	Carlsbad, NM 88220	209 W McKay St	NTG Environmental	Etnan Sessums	
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1437	)e											nts		APC					Na	HN	Mo	DI Water H <sub>2</sub> O	des		Level IV		uperfund		6

Page 62 of 62

# Page 95 of 213



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	0						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.3	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.2	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.3	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.2	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.7	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.4	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.0	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/29/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

	IN I G											Work Order No: 1045153	5515H
Project Manager:	Ethan Sessums	ns			Dill to be determined						]	P	Page 1 of 3
Company Name:	NTG Environmental	nental			Compose Merent)	0	Dale V	Dale Woodall				Work Order Comments	
Address:	209 W McKay St	St			Company Name	e.	Devon				Program:	ST[	RRC Uperfund
City, State ZIP:	Carlsbad, NM 88220	88220			City State 710.						State of Project:		
Phone:	432-701-2159			Email		talahal aa					Reporting:	Level III PST/UST	DIRRP Level IV
Project Name:	Snapping	Snapping 10 Fed 1 Battery	Itterv	1							Deliverables: EDD	es: EDD ADaPT C	Other:
Project Number:		248872		✓ Routine	PP Duch	Pres.				ANALYSIS REQUEST	UEST	P	Preservative Codes
Project Location		Lea County				Code		+	t			None: NO	
Sampler's Name:	~	Kenny Han		TAT LOTE:		1		))	-				
PO#		21371405		lab, if rece	lab, if received by 4:30nm	a		MRC					2
SAMPLE RECEIPT	Ten	p Blank:	Yes	Wat Inc.	Duppin	ters		-				H2S04: H2	HNO3: HN
Received Intact	(Ye	No	Thermomo	tor ID.	Tes No	met	_	-	-			L DO	
Cooler Custody Seals:	Yes	S	Correction Factor	Factor	HC IN	Para	X 80	RO +					NaHSO NARIC
Sample Custody Seals:	Yes	No NIA	Temperatu	Temperature Readino	0:00		_	-				HO Na <sub>2</sub> S <sub>2</sub> O	Na,S,O,: NaSO,
Total Containers:		3	Corrected	Corrected Temperature:	27.0		_	-				Zn Acet	Zn Acetate+NaOH: Zn
Identification	Depth (ft bgs)	Date	Time	Soil	Water Grab/	# of Cont		TPH				NaOH+	NaOH+Ascorbic Acid: SAPC
H-2A	0-6"	8/22/2024	11:00	×	Grab	+	×	<	t			Va	sample Comments
H-3A	0-6"	8/22/2024	11:05	×	Grab/	-	+	+	T				
H-15A	0-6"	8/22/2024	11:10	×	Grab/	+	+	× >	T			9	
HOI-IDA	0-6"	8/22/2024	11:15	×	Grab/	-	+	+	Ī				
H-17A	0-6"	8/22/2024	11:20	×	Grab/	1	+	+				+	
11-100	0-0	8/22/2024	11:25	×	Grab/	-	×	×				U	
TD 4	5-5.5	8/22/2024	11:30	×	Grab/	1	×	×				6	
TP-1	775	8/22/2024	11:35	×	Grab/	1	×	×				2 3	
TP-2	ק ה-ק	470717710	11:40	×	Grab/	1	××	×				200	
		CINES EVET	11.40	>	Grab/	1	×	×				0	
Addition	lal Comments:												
The otice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It as the faervice. 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 it Xenco. A minimum charge of \$86.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco has incurred by the client if such losses are due to it Xenco. A minimum charge of \$86.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco has incurred by the client if such losses are due to the total samples are submitted to the total sample samples are submitted to the total sample samples are submitted to the total samples are submitted to the total samples are submitted to the sample sample sample sample samples are submitted to the sample sampl	cument and relinquit ble only for the cost ge of \$85.00 will be a	shment of sample of samples and s pplied to each pro	s constitutes ; hall not assun ject and a cha	a valid purchase ( ne any responsib) Irge of \$5 for eac)	order from client co ility for any losses o h sample submitted	mpany to Xe	nco, its affi ncurred by	liates and the client	subcontra if such los	ctors. It assigns standard terms and conditions sees are due to circumstances beyond the control	rms and condi	tions	
Relinquished by: ()	Signature)	F	Received b	y: (Signature		0	te/Time	and interest	Dollar Millis Wi	III be enforced unless previously negotiated.	sly negotiated.		
second i tali		MON	2140	mery		8:13	ž	22	2	Transa of (orginature)		received by: (Signature)	Date/Time
									4		+		

of 213

		Kenny Han	Relinquished hv: /	Stern manual charge	Service. Xenco will be lial Xenco. A minimum charo	otice: Signature of this doc	Addition	A	TP-6	TP-6	TP-6	TP-5	TP-5	TP-4	IP-4	TP-4	IP-3	TP-2	on	_	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	- noild	Phone	e ZIP:	Address:	Company Name:	Project Manager:	
		oignature)	Simplural	te of \$00.00 Will be	ble only for the cos	ument and relingu	al Comments		3-3.5	2-2.5	1-1.5	6-6.5	5-5.5	7-7.5'	6-6.5	5-5.5	5-5.5	6-6.5'	Depth (ft bgs)			Yes	Yes				7	E		Snappin	432-701-2159	100 704 0450	Carlsbad NM 88220	209 W McKay St	NTG Environmental	Ethan Sessums	ENVIRONMENTA
	SHO	0 0		applied to each pr	t of samples and	ishment of sample			8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	8/22/2024	Date			NO NIA	No NIA	No	Temp Blank:	21371405	Kenny Han	Lea County	248872	Snapping 10 Fed 1 Battery		COLLO	88220	/ St	nental	SUL	AL C
	and	Received t		roject and a ch	shall not assu	es constitutes			12:35	12:30	12:25	12:20	12:15	12:10	12:05	12:00	11:55	11:50	Time		Corrected	Temperatu	Correction Factor:		Yes No					attery							
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	Date/Time	Deter						0				0		14				Complex Comments	Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO4	NaHSO4: NABIS	H <sub>3</sub> PO <sub>4</sub> ; HP	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na		Cool: Cool MeOH: Me	None: NO DI Water: H <sub>2</sub> O	Preservative Codes			RRP	1	Ids RRC uperfund	nments	Page 2 of 3	Work Order No: 1040100

# of 213

Page       Work Order Comments         State of Project:       Reporting: Level III       Deriverables: EDD       ADaPT       Other         AMALYSIS REQUEST       Preserval       None: NO       Cool Cool       H; PO; H;	shment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and sub of samples and shall not assume any responsibility for any losses or expenses incurred by the client if si pplied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These te Received by: (Signature) Date/Time 2020 WUW 23 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		6-6-5 enormal 12:45 X Grab/ 1 X X	8/22/2024 12:40 X Grab/	e Depth (ft bgs) Date	23 Corrected Temperature: 0.4.7	Pa	Ves No Thermometer ID: 100 rame	Yes No Wet Inc. Yes No tters	21371405 TAT starts the day received by the lab, if received by 4:30pm	Due Date:	Proutine Rush Code	ar 248872 Turn Around	10 End 1 Botton		City, State ZIP: Carlsbad, NM 88220 City, State ZIP:	209 W McKay St Address:	Ital Company Name:	
	signs standard terms and conditions e to circumstances beyond the control ed unless previously negotiated. by: (Signature) Received by: (Signature)												VALYSIS REQUEST	Deliverables: EDD	Reporting:Level II	or Project:	State of Broinet		

Page 123 of 213



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/06/2024	Sampling Date:	09/06/2024
Reported:	09/11/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

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

BTEX 8021B	mg,	/kg	Analyze	d 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	134	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/06/2024	Sampling Date:	09/06/2024
Reported:	09/11/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

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

BTEX 8021B	mg,	′kg	Analyze	d 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	129	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d 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	48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/06/2024	Sampling Date:	09/06/2024
Reported:	09/11/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

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

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/06/2024	Sampling Date:	09/06/2024
Reported:	09/11/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

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

BTEX 8021B	mg/	′kg	Analyze	d 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	134 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

100	Correction Factor -u.o C			Sampler - UPS - Bus - Other:
Standard A Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C	e: #140	Sample Condition CHECKED BY: Cool_Intact (Initiats) TYPes TYPes Line	1.8	Delivered By: (Circle One)
	REMARKS:	A POUR MA	Date: Received By:	Relinguished By:
Verbal Result:  Verbal Result:	Verbal Result:  Verbal Result:  Yes All Results are emailed.  P	no Mil Voo	Date: 9/6 Received By:	Relinquished By:
	a by the client for the r completion of the applicable lient, its subsidiaries, asons or otherwise.	If in contract or tort, shall be imited to the amount past in writing and received by Cardinal within 30 days after Interruptions, loss of use, or loss of profils incurred by c results claim is based upon any of the above statigd re- results claim is based upon any of the above statigd re- results.	PLEASE NOTE: Ltability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client or the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profiles incurred by client, its subsidiaries, senses in no event that Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profiles incurred by client, its subsidiaries, senses.	PLEASE NOTE: Liability and Damages. Cardinal's liability a analyses. All claims including those for negligence and any enotes in no event shall Cardinal be liable for incidental or
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		State: Zip:	10 Fed 1	ame
		City:	Project Owner:	Project #: 248872
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	9	P.O.# 21371402	Sessim	Eth
ANALI DID INTROTOT		BILL TO		Company Name: NTGE
ANALYSIS REDUEST			1 East Mariano, 10000, 111 1575) 393-2326 FAX (575) 393-2476	(575) 393-2326 F
			Hohhs NM 88240	And East Marland Hobbs. NM 88240

Page 130 of 213

**CARDINAL** Laboratories



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/12/2024	Sampling Date:	09/11/2024
Reported:	09/17/2024	Sampling Type:	Soil
Project Name:	SNAPPING 10 FED 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248872	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

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

BTEX 8021B	mg,	′kg	Analyze	d 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 BTEX	<0.300	0.300	09/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Protect Minunger         Eining Statuming         Bittig / Jammania         Data Woodal         Protect Minunger         Month Micro Minunger         Month Minunger         Minunger <th< th=""><th></th><th></th><th></th><th>0 4</th><th></th><th>1</th><th></th><th></th><th></th><th></th><th></th></th<>				0 4		1					
Page 1         Work Order Comments         PST       PRP       Brownfields       RRC         II       Level III       Pst/Ust       Preservatin         DD       ADaPT       Other:       Other:         DD       ADaPT       Preservatin         None:       NO       Cool:       Cool:         DD       ADaPT       Preservatin       Preservatin         None:       NO       Cool:       Cool:         DD       ADaPT       Preservatin       Preservatin         H2       ADaPT       Preservatin       None:       NO         ADaPT       None:       NO       Cool:       Cool:         Na       Adapt:       H2       Na       Na       Na         Na       Na       Sample Co       Sample Co         Na       Na       Sample Co       Date				1155		1 All	a walla	1111	AUL	B	2 Notos
Page 1         Work Order Comments         PST       PRP       Brownfields       RRC         II       Level III       PST/UST       Preservatin         DD       ADaPT       Other:       O         DD       ADaPT       Other:       O         DD       ADaPT       Other:       O         DD       ADaPT       Other:       O         Cool Cool       Cool       Cool         H0L       H0CL       HCL       HC         H2S0,:       H42S0,:       NABIS       NaOH+Ascorbic A         NaOH+Ascorbic A       Sample Co       Sample Co	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Time	Date/	11	ed by: (Signature)	Kecelv	1	1 minite	A PAG
Page_1 Work Order Comments PST  PRP  Brownfields  RRC II  Level III  PST/UST  PRP DD   ADaPT   Other: None: NO Cool Cool HCL HC H2S0;; H2 H3S0; H2 NaOH+Ascorbic A Sample Co		gotiated.	withis will be enforced unless previously neg	miniferen intead		-		Doon		(Signature)	Relinquished by:
Page 1         Work Order Comments         PST       PRP       Brownfields       RRC         II       Level III       PST/UST       PRP         DD       ADaPT       Other:       Other:         DD       ADaPT       None: NO         Cool: Cool       HCL HC       H2S04: H2         HQ       NaHSO4: NABIS       NaACtate+NaOH         NaOH+Ascorbic A       Sample Co         X       Sample Co		nd conditions nd the control	ubcontractors. It assigns standard terms ar such losses are due to circumstances beyo	its attiliates and su red by the client if t analyzed These	expenses incun Xenco, but not	y for any losses or ample submitted to	assume any responsibilities a charge of \$5 for each a statement of \$5 for e	shall not a roject and	t of samples and applied to each p	able only for the cost rge of \$85.00 will be a	f Service. Xenco will be li f Xenco. A minimum cha
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Manager       Ethan Sessums       Page 1         ny Name:       NTG Environmental       Bill to: (# different)       Dale Woodall       Work Order Comments         s:       209 W McKay St       Company Name:       Devon       Program: UST/PST PRP brownfields RRC         ate ZIP:       Carlsbad, NM 88220       City, State ZIP:       City, State ZIP:       City, State ZIP:	Other		Deliv		obal.com	sessums@ntg				432-701-2159	Phone:
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Page 1 of		Work Order Com		ale Woodall	Da	ill to: (if different)	m		U	Luiai Vessui	Company Manager
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Released to Imaging: 3/31/2025 1:58:55 PM

Page 134 of 213

Received by OCD: 3/27/2025 11:17:55 AM



**Environment Testing** 

# 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

Page 135 of 213

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

See page two for job notes and contact information



5 6 7

# **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**

AMER

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

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

SDG: 248872

Laboratory Job ID: 890-7318-1

# **Table of Contents**

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Method Summary	17
Sample Summary	18
Chain of Custody	19
Receipt Checklists	20

LOQ

MCL

MDA

MDC

MDL

MPN

MQL

NC

ND NEG

POS

PQL PRES

QC

RER

RPD

TEF

TEQ TNTC

RL

ML

	Definitions/Glossary	
Client: NT Globa		
Project/Site: Siv	NAPPING 10 FED 1 BATTERY SDG: 248872	
Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VOA		5
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		8
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	9
Glossary		1
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	1
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)	

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Limit of Quantitation (DoD/DOE)

Method Detection Limit

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present Practical Quantitation Limit

Presumptive

Quality Control

Method Quantitation Limit

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Concentration (Radiochemistry)

Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

# **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.

Project/Site: SNAPPING 10 FED 1 BATTERY

Method: SW846 8021B - Volatile Organic Compounds (GC)

Result Qualifier

<0.00200 U

<0.00200 U

<0.00200 U

<0.00399 U

<0.00200 U

RL

0.00200

0.00200

0.00200

0.00399

0.00200

MDL Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Job ID: 890-7318-1 SDG: 248872

Analyzed

10/30/24 12:56

10/30/24 12:56

10/30/24 12:56

10/30/24 12:56

10/30/24 12:56

# **Client Sample ID: TP - 5**

Date Collected: 10/29/24 00:00

Sample Depth: 7 - 7.5

Client: NT Global

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Date Received: 10/29/24 16:30

I	Lab Sample	ID:	890-7318-1
			Matrix: Solid

Prepared

10/30/24 09:04

10/30/24 09:04

10/30/24 09:04

10/30/24 09:04

10/30/24 09:04

D

Benzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 16:22	1
Analyte		Qualifier		MDL	Unit	D	Prepared	Analyzed	Dil Fac
– Method: SW846 8021B - Volatile	Organic Comp	ounds (GC	)						
Sample Depth: 8 - 8.5									
Date Received: 10/29/24 16:30									
Date Collected: 10/29/24 00:00								Matri	x: Solid
Client Sample ID: TP - 5							Lab Sar	nple ID: 890-	7318-2
Chloride	<10.1	U	10.1		mg/Kg			10/30/24 19:55	1
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	le						
o-Terphenyl	70		70 - 130				10/30/24 09:03	10/30/24 12:53	1
1-Chlorooctane	92		70 - 130				10/30/24 09:03	10/30/24 12:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 12:53	1
C10-C28)	. 10.0		10.0				10/00/01 00 00		
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 12:53	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 12:53	1
Analyte		Qualifier		MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Total TPH	<49.8	U	49.8		mg/Kg			10/30/24 12:53	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
- Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (	GC)						
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/30/24 12:56	1
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
☐ Method: TAL SOP Total BTEX - 1	Total BTEX Cal	culation							
1,4-Difluorobenzene (Surr)	94		70 - 130				10/30/24 09:04	10/30/24 12:56	
4-Bromofluorobenzene (Surr)			70 - 130				10/30/24 09:04	10/30/24 12:56	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/30/24 09:04	10/30/24 12:56	1
		-							

4-Bromofluorobenzene (Surr)	112		70 - 130		10/30/24 09:04	10/30/24 16:22	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Xylenes, Total	<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
m-Xylene & p-Xylene	<0.00401	U	0.00401	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
Toluene	<0.00200	U	0.00200	mg/Kg	10/30/24 09:04	10/30/24 16:22	1
Benzene	<0.00200	U	0.00200	mg/Kg	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

Client Sample ID: TP - 5

Date Collected: 10/29/24 00:00

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 - T	otal BTEX Calo	culation							
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 - Diese	l Range Organ	ics (DRO) (0	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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		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	Chromatogram	hy - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		9.98		mg/Kg			10/30/24 20:00	1

Job ID: 890-7318-1 SDG: 248872 Lab Sample ID: 890-7318-2 Matrix: Solid

Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1
SDG: 248872

Prep Type: Total/NA

# Method: 8021B - Volatile Organic Compounds (GC)

#### Matrix: Solid

Client: NT Global

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-7317-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

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
mple ID	Client Sample ID	(70-130)	(70-130)	
7-A-1-B MS	Matrix Spike	83	71	
817-A-1-C MSD	Matrix Spike Duplicate	82	70	
318-1	TP - 5	92	70	
8-2	TP - 5	85	67 S1-	
)-94386/2-A	Lab Control Sample	122	114	
880-94386/3-A	Lab Control Sample Dup	113	102	
80-94386/1-A	Method Blank	133 S1+	109	

#### Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Prep Type: Total/NA

Lab Sample ID: MB 880-94387/5-A

# **QC Sample Results**

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

## Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Analysis Batch: 94375								Prep Type: 1 Prep Batch	
	МВ	MB							
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 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
	МВ	МВ							
Surrogate %	Recovery	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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

	LCS	LCS	
Surrogate	%Recovery	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

Senzene oluene thylbenzene							Prep	Batch:	94387
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%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

	LCSD	LCSD	
Surrogate	%Recovery	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									Pre	p Batch: 94387
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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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Prep Type: Total/NA

**Client Sample ID: Matrix Spike** 

**Client Sample ID: Method Blank** 

**Client Sample ID: Lab Control Sample** 

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 94387

# **QC Sample Results**

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

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7317-A· Matrix: Solid	-1-D MS							Client	Sample ID		
										ype: To	
Analysis Batch: 94375	Comula	Comula	Creika	MS	MS				%Rec	Batch:	94387
A	•	Sample Qualifier	Spike		MS Qualifier	11	<b>_</b>	%Rec	%Rec Limits		
Analyte Ethylbenzene			Added	0.09907	Quaimer	_ Unit  mg/Kg	D	99	70 - 130		
m-Xylene & p-Xylene	< 0.00402		0.200	0.1929		mg/Kg		96	70 - 130		
o-Xylene	<0.00201	U	0.100	0.09683		mg/Kg		97	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)			70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								
Matrix: Solid								•		Type: To	
Lab Sample ID: 890-7317-A-	-1-E MSD					CI	ient Sa	ample ID	: Matrix Sp	oike Dup	olicate
Analysis Batch: 94375										Batch:	
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
	101		70 - 130								
1,4-Difluorobenzene (Surr)	101										

#### Lab Sample ID: MB 880-94386/1-A **Client Sample ID: Method Blank** Matrix: Solid Prep Type: Total/NA Analysis Batch: 94393 Prep Batch: 94386 MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <50.0 U 50.0 10/29/24 17:00 10/30/24 03:52 Gasoline Range Organics mg/Kg 1 (GRO)-C6-C10 Diesel Range Organics (Over 50.0 10/30/24 03:52 <50.0 U mg/Kg 10/29/24 17:00 1 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 10/29/24 17:00 10/30/24 03:52 1 MB MB %Recovery Qualifier Limits Surrogate Prepared Analyzed Dil Fac 133 S1+ 70 - 130 10/29/24 17:00 1-Chlorooctane 10/30/24 03:52 1 70 - 130 o-Terphenyl 109 10/29/24 17:00 10/30/24 03:52 1 Lab Sample ID: LCS 880-94386/2-A **Client Sample ID: Lab Control Sample**

#### Matrix: Solid Prep Type: Total/NA Analysis Batch: 94393 Prep Batch: 94386 Spike LCS LCS %Rec Analyte Added Qualifier Result Unit D %Rec Limits 1000 103 70 - 130 Gasoline Range Organics 1034 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 894.9 mg/Kg 89 70 - 130 C10-C28)

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Page 144 of 213

7
# **QC Sample Results**

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

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-94	1386/2-A						Client	Sample	ID: Lab Co		
Matrix: Solid										Type: Tot	
Analysis Batch: 94393									Prep	Batch:	9438
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
I-Chlorooctane	122		70 - 130								
p-Terphenyl	114		70 - 130								
Lab Sample ID: LCSD 880-9	94386/3-A					Clier	nt Sam	ple ID: I	Lab Contro	ol Sample	e Du
Matrix: Solid									Prep T	Type: Tot	al/N
Analysis Batch: 94393										Batch:	
			Spike	LCSD	LCSD				%Rec		RF
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Lin
Gasoline Range Organics			1000	965.4		mg/Kg		97	70 - 130	7	
GRO)-C6-C10											
Diesel Range Organics (Over			1000	793.2		mg/Kg		79	70 - 130	12	
C10-C28)											
	LCSD	LCSD									
Surrogate	%Recovery		Limits								
1-Chlorooctane		Quanner	70 - 130								
p-Terphenyl	102		70 - 130 70 - 130								
.ab Sample ID: 890-7317-A /atrix: Solid								onent	Sample ID Prep T	Type: Tot	
Analysis Batch: 94393									Prep	Batch:	943
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
						0		,	Linits		
Gasoline Range Organics	<49.7	U	994	740.0		mg/Kg		74	70 - 130		
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over			994 994		F1						
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.7	U F1		740.0	F1	mg/Kg		74	70 - 130		
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.7	U F1		740.0	F1	mg/Kg		74	70 - 130		
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	<49.7 <49.7 MS	U F1 <i>MS</i>	994	740.0	F1	mg/Kg		74	70 - 130		
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	<49.7 <49.7 MS %Recovery	U F1 <i>MS</i>	994 Limits	740.0	F1	mg/Kg		74	70 - 130		
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl	<49.7 <49.7 MS <u>%Recovery</u> 83 71	U F1 <i>MS</i>	994 	740.0	F1	mg/Kg		65	70 - 130	oike Dup	lica
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	<49.7 <49.7 MS <u>%Recovery</u> 83 71	U F1 <i>MS</i>	994 	740.0	F1	mg/Kg		65	70 - 130 70 - 130 9: Matrix Sp	Dike Dup	
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: 890-7317-A	<49.7 <49.7 MS <u>%Recovery</u> 83 71	U F1 <i>MS</i>	994 	740.0	F1	mg/Kg		65	70 - 130 70 - 130 9: Matrix Sp Prep T		al/N
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-7317-A Matrix: Solid	<49.7 <49.7 MS <u>%Recovery</u> 83 71	U F1 MS Qualifier	994 	740.0	F1	mg/Kg		65	70 - 130 70 - 130 9: Matrix Sp Prep T	Type: Tot	al/N 9438
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate -Chlorooctane D-Terphenyl Lab Sample ID: 890-7317-A Matrix: Solid Analysis Batch: 94393	<49.7 <49.7 <i>MS</i> <i>%Recovery</i> 83 71 A-1-C MSD Sample	U F1 MS Qualifier	994 Limits 70 - 130 70 - 130	740.0 642.7 MSD		mg/Kg		65	70 - 130 70 - 130 9: Matrix Sp Prep T Prep T	Type: Tot	al/N 9430 Ri
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-7317-A Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics	<49.7 <49.7 <i>MS</i> <i>%Recovery</i> 83 71 A-1-C MSD Sample	U F1 <i>MS</i> <i>Qualifier</i> Sample Qualifier	994 Limits 70 - 130 70 - 130 Spike	740.0 642.7 MSD	MSD	mg/Kg mg/Kg CI	ient Sa	74 65 ample ID	70 - 130 70 - 130 9: Matrix Sp Prep T Prep %Rec	Type: Tot Batch: 9	al/N 9438 Ri Lir
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-7317-A Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	<49.7 <49.7 <i>MS</i> <i>%Recovery</i> 83 71 A-1-C MSD Sample Result	U F1 MS Qualifier Qualifier U	994 <u>Limits</u> 70 - 130 70 - 130 Spike Added	740.0 642.7 MSD Result	MSD Qualifier	mg/Kg mg/Kg Cl	ient Sa	74 65 ample ID	70 - 130 70 - 130 9: Matrix Sp Prep T Prep %Rec Limits	Batch: 9	al/N 9438 RI Lir
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-7317-A Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	<49.7 <49.7 <i>MS</i> %Recovery 83 71 A-1-C MSD Sample Result <49.7	U F1 MS Qualifier Qualifier U U F1	994 <u>Limits</u> 70 - 130 70 - 130 <b>Spike</b> Added 994	740.0 642.7 MSD Result 727.9	MSD Qualifier	mg/Kg mg/Kg Cl Mg/Kg	ient Sa	74 65 ample ID <u>%Rec</u> 73	70 - 130 70 - 130 9: Matrix Sp Prep T Prep %Rec Limits 70 - 130	RPD       2	al/N 9438 RF Lin
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-7317-A Matrix: Solid	<49.7 <49.7 <49.7 MS %Recovery 83 71 A-1-C MSD Sample Result <49.7 <49.7 <49.7 <49.7	U F1 MS Qualifier Qualifier U U F1 MSD	994 <u>Limits</u> 70 - 130 70 - 130 <b>Spike</b> Added 994	740.0 642.7 MSD Result 727.9	MSD Qualifier	mg/Kg mg/Kg Cl Mg/Kg	ient Sa	74 65 ample ID <u>%Rec</u> 73	70 - 130 70 - 130 9: Matrix Sp Prep T Prep %Rec Limits 70 - 130	RPD       2	al/N
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane -Terphenyl Lab Sample ID: 890-7317-A Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.7 <49.7 <49.7 MS %Recovery 83 71 A-1-C MSD Sample Result <49.7 <49.7 <49.7 <49.7	U F1 MS Qualifier Qualifier U U F1 MSD	994 <u>Limits</u> 70 - 130 70 - 130 <b>Spike</b> Added 994 994	740.0 642.7 MSD Result 727.9	MSD Qualifier	mg/Kg mg/Kg Cl Mg/Kg	ient Sa	74 65 ample ID <u>%Rec</u> 73	70 - 130 70 - 130 9: Matrix Sp Prep T Prep %Rec Limits 70 - 130	RPD       2	al/N 9438 RF Lin

Client: NT Global

# **QC Sample Results**

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									Client S	ample ID:		
Matrix: Solid											Prep	Type: S	oluble
Analysis Batch: 94425													
		MB MB											
Analyte		esult Qualifier		RL		MDL			P	repared	Analy		Dil Fac
Chloride	<	:10.0 U		10.0		r	ng/Kg				10/30/24	17:41	1
Lab Sample ID: LCS 880-94417	/ <b>2-A</b>							CI	ient	Sample	D: Lab C	ontrol S	ample
Matrix: Solid											Prep	Type: S	oluble
Analysis Batch: 94425													
			Spike		LCS	LCS					%Rec		
Analyte			Added	F	Result	Qualif	ier Unit		D	%Rec	Limits		
Chloride			250		239.5		mg/Kg			96	90 - 110		
Lab Sample ID: LCSD 880-9441	7/3-A						с	lient	Sam	ple ID:	Lab Contro	ol Sampl	le Dup
Matrix: Solid												Type: S	
Analysis Batch: 94425												.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			Spike	1	LCSD	LCSD					%Rec		RPD
Analyte			Added	F	Result	Qualif	ier Unit		D	%Rec	Limits	RPD	Limit
Chloride			250		237.9		mg/Kg		_	95	90 - 110	1	20
Lab Sample ID: 890-7316-A-9-B	MS									Client	Sample IE	D: Matrix	Spike
Matrix: Solid												Type: S	
Analysis Batch: 94425													
	Sample	Sample	Spike		MS	MS					%Rec		
Analyte	Result	Qualifier	Added	F	Result	Qualif	ier Unit		D	%Rec	Limits		
Chloride	104		249		350.9		mg/Kg		_	99	90 - 110		
Lab Sample ID: 890-7316-A-9-C	MSD							Clier	nt Sa	ample IC	): Matrix S	pike Dur	olicate
Matrix: Solid												Type: S	
Analysis Batch: 94425												.,	
	Sample	Sample	Spike		MSD	MSD					%Rec		RPD
Analyte	•	•	Added	F	Result	Qualif	ier Unit		D	%Rec	Limits	RPD	Limit

# **QC Association Summary**

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

5

Job ID: 890-7318-1 SDG: 248872

# **GC VOA**

## Analysis Batch: 94375

Lab Sample ID	Client Sample ID	Ргер Туре	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

	Matrix Spike Duplicate	Total/INA	Solid	00210	94307	0
Prep Batch: 94387						0
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	9
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						13
1						

### Analysis Batch: 94448

Lab Sample ID	Client Sample ID	Ргер Туре	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	Ргер Туре	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

8

Job ID: 890-7318-1 SDG: 248872

## HPLC/IC

## Leach Batch: 94417

each Batch: 94417					
_ab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
390-7318-1	TP - 5	Soluble	Solid	DI Leach	
390-7318-2	TP - 5	Soluble	Solid	DI Leach	
MB 880-94417/1-A	Method Blank	Soluble	Solid	DI Leach	
_CS 880-94417/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
_CSD 880-94417/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
390-7316-A-9-B MS	Matrix Spike	Soluble	Solid	DI Leach	
390-7316-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 94425

o Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
)-7318-1	TP - 5	Soluble	Solid	300.0	94417
)-7318-2	TP - 5	Soluble	Solid	300.0	94417
880-94417/1-A	Method Blank	Soluble	Solid	300.0	94417
S 880-94417/2-A	Lab Control Sample	Soluble	Solid	300.0	94417
SD 880-94417/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94417
)-7316-A-9-B MS	Matrix Spike	Soluble	Solid	300.0	94417
)-7316-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94417

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Project/Site: SNAPPING 10 FED 1 BATTERY

Job ID: 890-7318-1 SDG: 248872

## Lab Sample ID: 890-7318-1 Matrix: Solid

Lab Sample ID: 890-7318-2

Matrix: Solid

Client Sample ID: TP - 5 Date Collected: 10/29/24 00:00 Date Received: 10/29/24 16:30

Client: NT Global

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 10/29/24 00:00 Date Received: 10/29/24 16:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

> 10 11 12

# **Accreditation/Certification Summary**

oratory: Eurofins	<b>5 Midland</b> ytes for this laboratory were co	overed under each accredit	intion/cortification below			
hority			Identification Number	Expiration Date		
as	Progra		T104704400	06-30-25	-	
The following enclutes	in-luded in this report by	t the - laboratory is not cortifi				
• •	are included in this report, but oes not offer certification.	t the laboratory is not certifie	ied by the governing authority. This lis	t may include analytes		Ī
Analysis Method	Prep Method	Matrix	Analyte			
8015 NM		Solid	Total TPH			
Total BTEX		Solid	Total BTEX			

Eurofins Carlsbad

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Page 150 of 213

# **Method Summary**

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

Job ID: 890-7318-1 SDG: 248872

021B       Volatile Organic Compounds (GC)         otal BTEX       Total BTEX Calculation         015 NM       Diesel Range Organics (DRO) (GC)         015B NM       Diesel Range Organics (DRO) (GC)         00.0       Anions, Ion Chromatography         035       Closed System Purge and Trap         015NM Prep       Microextraction         Il Leach       Deionized Water Leaching Procedure         Protocol References:         ASTM = ASTM International         EPA = US Environmental Protection Agency         SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986	SW846	
015 NM       Diesel Range Organics (DRO) (GC)         015B NM       Diesel Range Organics (DRO) (GC)         00.0       Anions, Ion Chromatography         035       Closed System Purge and Trap         015NM Prep       Microextraction         01 Leach       Deionized Water Leaching Procedure         Protocol References:       ASTM = ASTM International         EPA = US Environmental Protection Agency		EET MID
015B NM       Diesel Range Organics (DRO) (GC)         00.0       Anions, Ion Chromatography         035       Closed System Purge and Trap         015NM Prep       Microextraction         01 Leach       Deionized Water Leaching Procedure         Protocol References:         ASTM = ASTM International         EPA = US Environmental Protection Agency	TAL SOP	EET MID
00.0       Anions, Ion Chromatography         035       Closed System Purge and Trap         015NM Prep       Microextraction         Il Leach       Deionized Water Leaching Procedure         Protocol References:         ASTM = ASTM International         EPA = US Environmental Protection Agency	SW846	EET MID
035       Closed System Purge and Trap         015NM Prep       Microextraction         Il Leach       Deionized Water Leaching Procedure         Protocol References:         ASTM = ASTM International         EPA = US Environmental Protection Agency	SW846	EET MID
015NM Prep       Microextraction         II Leach       Deionized Water Leaching Procedure         Protocol References:       ASTM = ASTM International         EPA = US Environmental Protection Agency	EPA	EET MID
Protocol References: ASTM = ASTM International EPA = US Environmental Protection Agency	SW846	EET MID
Protocol References: ASTM = ASTM International EPA = US Environmental Protection Agency	SW846	EET MID
ASTM = ASTM International EPA = US Environmental Protection Agency	ASTM	EET MID
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986		
	6 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		

Eurofins Carlsbad

# 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	4
890-7318-2	TP - 5	Solid	10/29/24 00:00	10/29/24 16:30	8 - 8.5	
						5
						8
						9
						1:
						1:

Relinquished by:	Notice: Signature of this of service. Xenco will bu of Xenco. A minimum cl	Additi					TP-5	TD 5	Sample	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager
y: (Signature)	document and reline e liable only for the c harge of \$85.00 will b	Additional Comments:					8-8 J	775	Depth (ft bgs)	_		ls: Yes	0			K	Ec		Snapping	432-701-2159	Carlsbad, NM 88220	209 W McKay St	NTG Environmental	Ethan Sessums
	quishment of sampl ost of samples and e applied to each p	<u>s</u>					10/20/2024	10/20/2024	Date		NO NA	NO WIA	No	Jemp Blank:	21371405	Kellan Smith	Eddy Co, NM	248872	Snapping 10 Fed 1 Battery		88220	St	iental	IS
Receivee	les constitut shall not ass roject an <del>d a</del>								Time	Corrected	Temperatu	Correction Factor:	Thermometer ID:	Yes No					tery					
Receiveer by: (Signature)	es a valid purchas sume any respons <del>char</del> ge of \$5 for e					;	× >	<	Soil	Corrected Temperature:	Temperature Reading:	Factor:	ter ID:	Wet Ice:	lab, if recei	TAT starts the day received by the	Due Date:	<ul> <li>Routine</li> </ul>	Turn	Email:				
re)	se order fron sibility for an ach sample								Water	ς,	-6-6	-0.2	CNANCE	(Yee	lab, if received by 4:30pm	day received		Rush	Turn Around	esessums@ntglobal.com	City, State ZIP	Address:	Company Name:	Bill to: (if different)
	n client com ly losses or submitted t						Grah	Comp	Grab/	×			CC J	No	pm.	d by the				ıs@ntglo	ZIP:		Name:	fferent)
	npany to Xe expenses to Xenco, b					-	<u> </u>	Cont	# of			Pa	aran	nete	rs			Code		bal.com				
Date/Time	enco, its a incurred l out not ana		_	_	_	+ +	× >	+				TEX											Devon	Jim Railey
1e	ffiliates and by the clien alyzed. The		_	+	+	++	× > × >	< <		1 801	+	( GR		DRC 500	+ M	RO								y
Relinquished by: (Signature)	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 - charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.							_					890-7318 Chain of Custody						ANALYSIS REQUEST					
ure) Received by: (Signature)	terms and conditions ces beyond the control ously negotiated.												istody						UEST	Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST PRP	Work Orc
gnature) Date/Time									Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	H Na2S2O3: NaSO3	NaHSO4: NABIS	H <sub>3</sub> PO <sub>4</sub> : HP	0	HCL: HC HNO3: HN	Cool: Cool MeOH: Me	None: NO DI Water: H <sub>2</sub> O	Preservative Codes	ADaPT C Other:			Brownfields RRC uperfund	Work Order Comments

## Received by OCD: 3/27/2025 11:17:55 AM

Page 153 of 213

13

Chain of Custody

Released to Imaging: 3/31/2025 1:58:55 PM

Page 19 of 21

10/31/2024

Work Order No:

## Login Sample Receipt Checklist

Client: NT Global

### Login Number: 7318 List Number: 1 Creator: Bruns, Shannon

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	

List Source: Eurofins Carlsbad

Eurofins Carlsbad Released to Imaging: 3/31/2025 1:58:55 PM

## Login Sample Receipt Checklist

Client: NT Global

Login Number: 7318 List Number: 2 Creator: Rodriguez, Leticia

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	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

14

Job Number: 890-7318-1 SDG Number: 248872

List Source: Eurofins Midland

List Creation: 10/30/24 08:44 AM



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	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

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706		Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	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 05'	H247095-35	Soil	20-Nov-24 12:00	20-Nov-24 15:25

12/04/24 - Client took all samples off hold and rushed BTEXand 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.

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		oject Num ject Mana	ber: 248	Apping 10 872 Ian Sessui	Reported: 10-Dec-24 10:56					
				°P 7 2' 095-02 (So	oil)					
Analyte	Result	Re MDL	porting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
<u>Inorganic Compounds</u> Chloride	1600		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	1								
Benzene*	< 0.050	(	0.050	mg/kg	50	4112131	ЛН	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	ЛН	23-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		103 %	71.5	-134	4112131	ЛН	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	
Surrogate: 1-Chlorooctadecane			78.9 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56				
				°P 7 3' 095-03 (So	sil)					
			11247	075-05 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1470		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4112131	ЛН	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	ЈН	23-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		103 %	71.5	-134	4112131	ЈН	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			85.9 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			82.3 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56			
			-	P 7 4' 095-04 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
L			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	3320		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		102 %	71.5	-134	4112131	ЛН	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			81.4 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
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

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248			TERY	1	Reported: 0-Dec-24 10:	56
				'P 7 5' 095-05 (So	sil)					
			11247	050 05 (50	,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2960		16.0	mg/kg	4	4112549	AC	25-Nov-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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	ЛН	23-Nov-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		102 %	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			86.3 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			82.9 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248			TERY	1	Reported: 0-Dec-24 10:	56
			-	°P 7 6' 095-06 (So	oil)					
				ove ou (st	,)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5040		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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	ЛН	23-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		104 %	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			80.9 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			77.9 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248			TERY	1	Reported: 0-Dec-24 10:	56
			-	'P 7 8' 095-07 (So	nil)					
			11247	075 07 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4880		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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 (Pl	ID)		99.6 %	71.5	-134	4120407	ЛН	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctane			90.3 %	48.2	-134	4120355	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			91.4 %	49.1	-148	4120355	MS	04-Dec-24	8015B	

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Page 165 of 213

### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	701 TRADEWINDS BLVD. SUITE C				PPING 10 872 IAN SESSUI	TERY	Reported: 10-Dec-24 10:56			
			_	P 7 9' )95-08 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds Chloride	3840		16.0	mg/kg	4	4120506	СТ	05-Dec-24	4500-Cl-B	
			10.0	ilig/kg	-	4120500	CI	05-Dee-24	4500-61-8	
Volatile Organic Compound		21	0.050	4	50	4120.407		04 D 24	8021B	
Benzene*	< 0.050		0.050	mg/kg	50 50	4120407 4120407	JH JH	04-Dec-24 04-Dec-24	8021B 8021B	
Toluene*	< 0.050		0.050	mg/kg	50 50	4120407	лн ЛН	04-Dec-24 04-Dec-24	8021B 8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50 50	4120407	л Л	04-Dec-24 04-Dec-24	8021B 8021B	
Total Xylenes* Total BTEX	<0.150 <0.300		0.150 0.300	mg/kg mg/kg	50 50	4120407	л Л	04-Dec-24 04-Dec-24	8021B 8021B	
							Л	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		99.2 %	71.5	-134	4120407	JH	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctane			99.5 %	48.2	-134	4120355	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4120355	MS	04-Dec-24	8015B	

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## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	701 TRADEWINDS BLVD. SUITE C Project Number: 248872 4IDLAND TX, 79706 Project Manager: ETHAN SE Fax To:						TERY	1	Reported: 0-Dec-24 10:	56
				2 7 10' )95-09 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	3920		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
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 (Pl	D)		99.5 %	71.5	-134	4120407	ЛН	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctane			99.1 %	48.2	-134	4120355	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			98.0 %	49.1	-148	4120355	MS	04-Dec-24	8015B	

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Page 167 of 213

### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	, ber: 248		TERY	Reported: 10-Dec-24 10:56			
				P 7 11' 095-10 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds Chloride	2560		16.0	mg/kg	4	4120506	СТ	05-Dec-24	4500-Cl-B	
			10.0	mg/kg	4	4120500	CI	05-Dec-24	4500-CI-B	
Volatile Organic Compound	s by EPA Method 8	021								
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	ЛН	04-Dec-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4120407	ЛН	04-Dec-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4120407	ЛН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		99.0 %	71.5	-134	4120407	ЛН	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	4120355	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4120355	MS	04-Dec-24	8015B	

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Page 168 of 213

## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project: SNAPPING 10 FED 1 BATTERY Project Number: 248872 Project Manager: ETHAN SESSUMS Fax To:						Reported: 10-Dec-24 10:56		
				P 7 7' )95-11 (So	sil)						
			11247	55-11 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
Inorganic Compounds											
Chloride	2960		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B		
Volatile Organic Compounds	s by EPA Method 8	021									
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	ЛН	23-Nov-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	(D)		102 %	71.5	-134	4112131	ЛН	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			91.5 %	48.2	-134	4112114	MS	22-Nov-24	8015B		
Surrogate: 1-Chlorooctadecane			87.9 %	49.1	-148	4112114	MS	22-Nov-24	8015B		

#### **Cardinal Laboratories**

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248			TERY	1	Reported: 0-Dec-24 10:	56
				P 7 12' 095-12 (So	oil)					
					)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	2480		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	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	ЈН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		98.9 %	71.5	-134	4120407	JH	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	4120355	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	4120355	MS	04-Dec-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Nur Project Mana	ber: 248	872	FED 1 BAT	TERY	1	Reported: 0-Dec-24 10:	56
				P 7 13' 095-13 (So	sil)					
				<b>10</b> (50	, <b>n</b> )					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	2200		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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	ЈН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		98.6 %	71.5	-134	4120407	JH	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctane			91.4 %	48.2	-134	4120355	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			91.9 %	49.1	-148	4120355	MS	04-Dec-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56			
				P 7 14' 095-14 (So	oil)					
			Reporting		,					
Analyte	Result	MDL	Ĺimit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	1340		16.0	mg/kg	4	4120506	СТ	05-Dec-24	4500-Cl-B	
Volatile Organic Compounds	s 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 (Pl	D)		99.8 %	71.5	-134	4120407	ЛН	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	4120356	MS	04-Dec-24	8015B	

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Page 172 of 213

## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
				P 7 15' 095-15 (So	oil)					
					)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	912		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4120407	ЛН	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	ЛН	04-Dec-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4120407	ЛН	04-Dec-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4120407	JH	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		99.6 %	71.5	-134	4120407	ЛН	04-Dec-24	8021B	
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			111 %	48.2	-134	4120356	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			96.3 %	49.1	-148	4120356	MS	04-Dec-24	8015B	

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Page 173 of 213

## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
				P 8 1' 095-16 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2960		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4112131	JH	23-Nov-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4112131	ЛН	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 (PI	D)		103 %	71.5	-134	4112131	ЈН	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*	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	
Surrogate: 1-Chlorooctadecane			79.3 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project: SNAPPING 10 FED 1 BATTERY Project Number: 248872 Project Manager: ETHAN SESSUMS Fax To:						Reported: 10-Dec-24 10:56		
				°P 8 2' 095-17 (Se	oil)					
			Reporting		,)					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compound	s 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	ЛН	23-Nov-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	4112131	ЛН	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			91.7 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			87.2 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
				°P 8 3' 095-18 (So	oil)					
					,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	288		16.0	mg/kg	4	4120506	СТ	05-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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	ЛН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		98.1 %	71.5	-134	4120407	ЛН	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	4120356	MS	04-Dec-24	8015B	

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Page 176 of 213

## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
				°P 8 4' 095-19 (So	oil)					
			Reporting		,)					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	4120506	СТ	05-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	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 (P	ID)		103 %	71.5	-134	4120408	ЈН	04-Dec-24	8021B	
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			132 %	48.2	-134	4120356	MS	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4120356	MS	04-Dec-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
				'P 9 1' 095-20 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	10800		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4112131	ЛН	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	ЛН	23-Nov-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4112131	ЛН	23-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		101 %	71.5	-134	4112131	ЛН	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			76.5 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			73.6 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
			-	P 9 2' 095-21 (So	oil)					
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2080		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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 (P.	ID)		102 %	71.5	-134	4112131	ЛН	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			87.3 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			84.4 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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Page 179 of 213

## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
				'P 9 3' 095-22 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	6240		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4112132	ЛН	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	ЛН	25-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		98.4 %	71.5	-134	4112132	ЛН	25-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			84.9 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			82.2 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. : MIDLAND TX, 79706		Project Num Project Mana	ber: 248		Reported: 10-Dec-24 10:56					
				P 9 4' 095-23 (Se	vil)					
			11247	<b>55 25</b> (5	,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	8000		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4112132	ЛН	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	ЛН	25-Nov-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4112132	ЛН	25-Nov-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4112132	ЛН	25-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		97.2 %	71.5	-134	4112132	ЛН	25-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			82.4 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			79.8 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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Page 181 of 213

# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. 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' 095-24 (Se	nil)					
			1124/	075 24 (5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	12000		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	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	
Surrogate: 4-Bromofluorobenzene (P.	ID)		<i>97.9</i> %	71.5	-134	4112132	JH	25-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			77.6 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			75.8 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project: SNAPPING 10 FED 1 BATTERY Project Number: 248872 Project Manager: ETHAN SESSUMS Fax To:						Reported: 10-Dec-24 10:56		
				°P96'						
			H247	095-25 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	12000		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4112132	ЛН	25-Nov-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4112132	ЛН	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	ЛН	25-Nov-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4112132	ЛН	25-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		95.8 %	71.5	-134	4112132	ЛН	25-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			88.1 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			85.3 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. S MIDLAND TX, 79706		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56				
				P 9 7' 095-26 (So	oil)					
					,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	14200		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
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	ЛН	25-Nov-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4112132	ЛН	25-Nov-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4112132	ЛН	25-Nov-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4112132	ЛН	25-Nov-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	))		98.8 %	71.5	-134	4112132	JH	25-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			88.2 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			84.8 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248	872	FED 1 BAT	TERY	1	Reported: 0-Dec-24 10:	56
			-	°P 9 8' 095-27 (So	sil)					
			11247	075-27 (50	,m)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	17200		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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	ЛН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		105 %	71.5	-134	4120408	ЛН	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4120356	MS	04-Dec-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. 5 MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56			
				P 9 9' )95-28 (Se	oil)					
					,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	10600		16.0	mg/kg	4	4120506	CT	05-Dec-24	4500-Cl-B	
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	ЛН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		102 %	71.5	-134	4120408	ЛН	04-Dec-24	8021B	
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	
Surrogate: 1-Chlorooctadecane			98.9 %	49.1	-148	4120356	MS	04-Dec-24	8015B	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	701 TRADEWINDS BLVD. SUITE C				PPING 10 872 IAN SESSU	TERY	Reported: 10-Dec-24 10:56			
				P 9 10' 095-29 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	6160		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	QM-07
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4120408	ЛН	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	ЛН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		102 %	71.5	-134	4120408	ЈН	04-Dec-24	8021B	
Petroleum Hydrocarbons by	y 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

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	SUITE C		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56			
				P 9 11' 095-30 (So	oil)					
			Reporting							
Analyte	Result	MDL	Ĺimit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5360		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4120408	ЛН	04-Dec-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4120408	ЛН	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 (PL	ID)		105 %	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			107 %	48.2	-134	4120412	ms	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4120412	ms	04-Dec-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706	701 TRADEWINDS BLVD. SUITE C				PPING 10 872 AN SESSU	TERY	Reported: 10-Dec-24 10:56			
				P 9 12' 095-31 (So	sil)					
				070 01 (50	,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	6480		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
Volatile Organic Compound	ls 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	ЈН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		103 %	71.5	-134	4120408	ЈН	04-Dec-24	8021B	
Petroleum Hydrocarbons by	y 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			114 %	48.2	-134	4120412	ms	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	4120412	ms	04-Dec-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. 5 MIDLAND TX, 79706	SUITE C	Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56				
				P 9 13' 095-32 (So	sil)					
			11247	<b>55 52</b> (50	,m <i>)</i>					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	6640		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4120408	ЛН	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	ЛН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		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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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56				
			-	P 9 14' 095-33 (So	oil)					
					,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	6000		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	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	ЛН	04-Dec-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		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			109 %	48.2	-134	4120412	ms	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4120412	ms	04-Dec-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56				
				P 9 15' 095-34 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	7600		16.0	mg/kg	4	4120438	KV	04-Dec-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	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 (P	ID)		104 %	71.5	-134	4120408	ЛН	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			105 %	48.2	-134	4120412	ms	04-Dec-24	8015B	
Surrogate: 1-Chlorooctadecane			97.6 %	49.1	-148	4120412	ms	04-Dec-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. MIDLAND TX, 79706		Project Num Project Mana	ber: 248		TERY	Reported: 10-Dec-24 10:56				
				19 05' 095-35 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds Chloride	32.0		16.0	mg/kg	4	4112554	AC	26-Nov-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	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	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.2 %	71.5	-134	4112132	JH	25-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			89.8 %	48.2	-134	4112114	MS	22-Nov-24	8015B	
Surrogate: 1-Chlorooctadecane			86.0 %	49.1	-148	4112114	MS	22-Nov-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	Reported: 10-Dec-24 10:56
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## **Inorganic Compounds - Quality Control**

		Cardir	1al Lab	oratories						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4112549 - 1:4 DI Water	Result	Dinit	Onto	Lever	result	, ville	Linits		Linit	110105
Blank (4112549-BLK1)				Prepared &	Analyzed:	25-Nov-24				
Chloride	ND	16.0	mg/kg							
LCS (4112549-BS1)				Prepared &	Analyzed:	25-Nov-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4112549-BSD1)				Prepared &	Analyzed:	25-Nov-24				
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 4112554 - 1:4 DI Water										
Blank (4112554-BLK1)				Prepared: 2	25-Nov-24	Analyzed: 2	6-Nov-24			
Chloride	ND	16.0	mg/kg							
LCS (4112554-BS1)				Prepared: 2	25-Nov-24	Analyzed: 2	6-Nov-24			
Chloride	464	16.0	mg/kg	400		116	80-120			
LCS Dup (4112554-BSD1)				Prepared: 2	25-Nov-24	Analyzed: 2	6-Nov-24			
Chloride	448	16.0	mg/kg	400		112	80-120	3.51	20	
Batch 4120438 - 1:4 DI Water										
Blank (4120438-BLK1)				Prepared &	Analyzed:	04-Dec-24				
Chloride	ND	16.0	mg/kg							
LCS (4120438-BS1)				Prepared &	Analyzed:	04-Dec-24				
Chloride	432	16.0	mg/kg	400		108	80-120			

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\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	Reported: 10-Dec-24 10:56	
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## **Inorganic Compounds - Quality Control**

# **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
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	
Duplicate (4120438-DUP1)	Source: H247095-29 Prepared & Analyzed: 04-Dec-24									
Chloride	5200	16.0	mg/kg		6160			16.9	20	
Batch 4120506 - 1:4 DI Water										
Blank (4120506-BLK1)				Prepared &	Analyzed:	05-Dec-24				
Chloride	ND	16.0	mg/kg							
LCS (4120506-BS1)				Prepared &	Analyzed:	05-Dec-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4120506-BSD1)				Prepared &	Analyzed:	05-Dec-24				
LCS Dup (4120300-BSD1)										

### Cardinal Laboratories

### \*=Accredited Analyte

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	Reported: 10-Dec-24 10:56
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### Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratorie
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4112131 - Volatiles										
Blank (4112131-BLK1)				Prepared: 2	21-Nov-24 A	Analyzed: 2	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: 2	21-Nov-24 A	Analyzed: 2	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: 2	21-Nov-24 A	Analyzed: 2	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

### Cardinal Laboratories

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: Project Number: Project Manager: Fax To:		Reported: 10-Dec-24 10:56	
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### Volatile Organic Compounds by EPA Method 8021 - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4112132 - Volatiles										
Blank (4112132-BLK1)				Prepared: 2	21-Nov-24 /	Analyzed: 2	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: 2	21-Nov-24	Analyzed: 2	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-BSD1)				Prepared: 2	21-Nov-24	Analyzed: 2	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	Ļ			
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			

### Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	Reported: 10-Dec-24 10:56
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# Volatile Organic Compounds by EPA Method 8021 - Quality Control Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4120407 - Volatiles										
LCS (4120407-BS1)				Prepared &	Analyzed:	04-Dec-24	ļ			
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	ļ			
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	ļ			
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

### **Cardinal Laboratories**

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	Reported: 10-Dec-24 10:56
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### Volatile Organic Compounds by EPA Method 8021 - Quality Control

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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4120408 - Volatiles										
LCS (4120408-BS1)				Prepared &	Analyzed:	04-Dec-24	ļ			
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			
n,p-Xylene	4.70	0.100	mg/kg	4.00		117	89-129			
p-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-BSD1)				Prepared &	Analyzed:	04-Dec-24	Ļ			
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	
n,p-Xylene	4.71	0.100	mg/kg	4.00		118	89-129	0.176	16.2	
p-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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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project Number:	SNAPPING 10 FED 1 BATTERY 248872 ETHAN SESSUMS	Reported: 10-Dec-24 10:56	
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### Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal La	boratories
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	result	Linit	onto	Lever	resurt	JUNEC	Linuo		Linint	110105
Batch 4112114 - General Prep - Organics										
Blank (4112114-BLK1)				Prepared: 2	21-Nov-24 /	Analyzed: 2	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: 2	21-Nov-24	Analyzed: 2	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-BSD1)				Prepared: 2	21-Nov-24 /	Analyzed: 2	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 A	Analyzed: (	)4-Dec-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	ma/ka							

			00			
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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### Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratorie
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4120355 - General Prep - Organics										
LCS (4120355-BS1)				Prepared: (	)3-Dec-24 A	Analyzed: (	)4-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-BSD1)				Prepared: (	)3-Dec-24 A	Analyzed: (	)4-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: (	)3-Dec-24 A	Analyzed: (	)4-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 <b>-</b> 148			
LCS (4120356-BS1)				Prepared: (	)3-Dec-24 A	Analyzed: (	)4-Dec-24			
GRO C6-C10	201	10.0	mg/kg	200		100	81.5-123			
	196	10.0	mg/kg	200		97.8	77.7-122			
DRO >C10-C28				400		99.0	80.9-121			
DRO >C10-C28 Total TPH C6-C28	396	10.0	mg/kg	400		· · · · ·	0000 121			
	396 59.0	10.0	mg/kg mg/kg	50.0		118	48.2-134			

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### \*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### 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: (	)3-Dec-24 A	Analyzed: (	4-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 &	z Analyzed:	04-Dec-24	Ļ			
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	Ļ			
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 &	z Analyzed:	04-Dec-24	Ļ			
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			

### Cardinal Laboratories

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **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

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Received by OCD: 3/27/2025 11:17:55 AM

WT-GC     Ethna, Se Schmitt       With GC     State: U/M Zip: 88-300       With Mark     End U/M Zip: 88-300       Sample J.D.     State: U/M Zip: 88-300       Sample J.D.     State: Zip:       Yes     Far.#:       Yes <td< th=""><th>ppleable re emailed. Please provide Email X NO SOUTH</th><th>arclaske remody for any claim analytic vertices and the stand of the s</th><th>TPT 4 TPT 4 TPT 4 TPT 6 TPT 6 TPT 10 TPT 10</th><th>PLEASE NOTE: Liability and D analyzes. All claims including th service. In no event shall Cardin affiliates or successors attilling of affiliates or successors attilling of Relinquished By: Relinquished By:</th></td<>	ppleable re emailed. Please provide Email X NO SOUTH	arclaske remody for any claim analytic vertices and the stand of the s	TPT 4 TPT 4 TPT 4 TPT 6 TPT 6 TPT 10 TPT 10	PLEASE NOTE: Liability and D analyzes. All claims including th service. In no event shall Cardin affiliates or successors attilling of affiliates or successors attilling of Relinquished By: Relinquished By:
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Page 203 of 213

Page 49 of 51

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# Page 204 of 213

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Page 205 of 213

Page 51 of 51

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ige 206 of 213

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

Page 207 of 213

QUESTIONS

Action 446290

	QUESTIONS					
Operator:	OGRID:					
DEVON ENERGY PRODUCTION COMPANY, LP	6137					
333 West Sheridan Ave.	Action Number:					
Oklahoma City, OK 73102	446290					
	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 Approved
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	or 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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Page 208 of 213

QUESTIONS, Page 2

Action 446290

G	QUESTIONS (continued)					
Operator:	OGRID:					
DEVON ENERGY PRODUCTION COMPANY, LP	6137					
333 West Sheridan Ave.	Action Number:					
Oklahoma City, OK 73102	446290					
	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	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 s	afety 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
	95 bbls released onto pad. 50 bbls were recovered ation 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 complet Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
	····· ··· ··· ···
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/27/2025

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

Page 209 of 213

QUESTIONS, Page 3

Action 446290

QUESTIONS (continued)		
OGRID:		

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	446290
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 an	d 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	Νο

### Remediation Plan

Please answer all the questions	s that apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report	demonstrating the lateral and vertical extents of soil contaminatio	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vert	ical extents of contamination been fully delineated	Yes
Was this release entirely	contained within a lined containment area	No
Soil Contamination Sampli	ng: (Provide the highest observable value for each, in m	illigrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI 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
	1 NMAC unless the site characterization report includes complete timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date	will the remediation commence	04/04/2025
On what date will (or did) the final sampling or liner inspection occur		04/14/2025
On what date will (or was	s) the remediation complete(d)	04/28/2025
What is the estimated surface area (in square feet) that will be reclaimed		3055
What is the estimated vo	lume (in cubic yards) that will be reclaimed	453
What is the estimated su	rface area (in square feet) that will be remediated	26367
What is the estimated vo	lume (in cubic yards) that will be remediated	2034
These estimated dates and mea	asurements are recognized to be the best guess or calculation at th	ne time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Page	210	01	£ 2	13
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QUESTIONS, Page 4

Action 446290

QUESTI	ONS (conti	nued)	
		OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.		6137 Action Number:	
Oklahoma City, OK 73102		446290	
		Action Type:	
		[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS			
Remediation Plan (continued)			
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate dis	trict office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce con	taminants:	
(Select all answers below that apply.)	-		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes		
Which OCD approved facility will be used for <b>off-site</b> disposal	HALFWAY	DISPOSAL AND LANDFILL [fEEM0112334510]	
OR which OCD approved well (API) will be used for off-site disposal Not answered.		d.	
OR is the off-site disposal site, to be used, out-of-state	the off-site disposal site, to be used, out-of-state No		
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No		
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Νο		
(In Situ) Soil Vapor Extraction	No		
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	) No		
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No		
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No		
Ground Water Abatement pursuant to 19.15.30 NMAC	No		
OTHER (Non-listed remedial process)	No		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remedia	tion, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
I hereby certify that the information given above is true and complete to the best of my k to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which ma adequately inv	y endanger public health or the environment. The acceptance of a C-141 report by estigate and remediate contamination that pose a threat to groundwater, surface	
I hereby agree and sign off to the above statement		Professional aley@dvn.com	

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.

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 (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	446290	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
	·	

QU	ES.	TIO	NS

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

Page 211 of 213

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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 (continued)			
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137		
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 446290		
	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	

QUESTIONS, Page 6

Action 446290

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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

Page 213 of 213

CONDITIONS

Action 446290

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	446290
	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. The variance request is approved, confirmation samples should be collected every 400 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.	3/31/2025