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February 21, 2025

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

Re: Site Characterization and Remediation Deferral Request

**Devon Energy Production Company** 

Jayhawk 6 CTB 2

Unit C, Section 6, Township 26S, Range 34E Site Coordinates: 32.07629704, -103.51193

Lea County, New Mexico Incident ID: nAPP2425352259

#### Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Deferral 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 release number: nAPP2415524417 – Jayhawk 6 CTB 2 (Site). The Site is in Unit Letter C, Section 6, of Township 26 South and Range 34 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.07629704° N latitude and -103.51193° 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 September 9, 2024, where Devon discovered a pinhole leak on the inlet line on a separator. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately eight (8) barrels (bbls) of crude oil of which two (2) were recovered for an approximate net loss of six (6) bbls of crude oil. The release area is shown on Figure 3.

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#### **Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are two water wells (C-3441-POD1 & C-3442-POD1) within a ½-mile radius of the Site reportedly drilled to a depth of two hundred and fifty (250) feet (ft) below ground surface (bgs) where the water bearing strata was encountered between one hundred and twenty-eight (128) to one hundred and eighty-nine (189) ft bgs. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) 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)
Low Karst	≥100

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	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	20,000 mg/kg	(GRO+DRO+MRO) 2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
19.15.23.13 Restoration, Reclamation, and Re- Vegetation	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes: = not defined					

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

On September 10, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Six (6) vertical sample points (V-1 through V-6) were installed within the release area, while nine (9) horizontal sample points (H-1 through H-9) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) ft intervals from depths ranging from zero (0) to one and a half (1.5) ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil samples to prevent cross-contamination.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (EPA Method 8021B),

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total petroleum hydrocarbons (TPH) (EPA method 8015 modified), and chloride (Method SM4500Cl-B). The analytical results indicated that BTEX, TPH, and/or chloride concentrations exceeded the NMOCD regulatory limits in the areas of V-1 through V-6 at various depths ranging from zero (0) to one and a half (1.5) ft bgs. Analytical results also identified that horizontal delineation samples H-6 through H-8 exhibited presence of spill impacts due to elevated concentrations of chloride at depths ranging from 0 to 0.5 ft bgs.

On September 30, 2024, NTGE returned to the Site continue with the vertical and horizontal delineation assessment of the release. A total of four (4) test pits (TP-1 through TP-4) were installed within and adjacent to the release area and were collected at one (1) ft intervals at depths ranging from one (1) to three (3) ft bgs utilizing mechanical equipment. In addition, three (3) horizontal samples (H-6A, H-7A, and H-8A) were collected at a half foot interval and were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chlorides. Analytical results indicated that TPH and/or chloride concentrations exceeded NMOCD regulatory limits in the areas of TP-1 through TP-4 at various depths ranging from one (1) to three (3) feet. All horizontal delineation samples were below NMOCD regulatory limits

On October 30, 2024, NTGE returned to the Site to complete the vertical delineation assessment of the release. TP-2 was re-installed within the release area and was collected at one (1) ft intervals at depths ranging from four (4) to five (5) 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-2 was below NMOCD regulatory limits at five (5) ft bgs.

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

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

After receiving and evaluating the soil boring and test pits data NTGE proposed to excavate the areas of TP-1 to a depth of two (2) ft bgs, the area of TP-2 to a depth of five (5) ft bgs, the areas of TP-3 and TP-4 to a depth of three (3) ft bgs, and perform a six (6) inch surface scrape in the impacted area surrounding the horizontal separators and process flow lines to ensure that the impacted soil would be removed from the Site.

On January 27, 2025, NTGE was onsite to collect a total of twenty-four (24) base composite samples (CS-1 to CS-24) and eleven (11) composite sidewall samples (SW-1 to SW-11) to ensure impacted soil was removed. Analytical results indicated that twenty (20) composite confirmation samples (CS-4 to CS-6, and CS-8 to CS-24) and six (6) sidewall samples (SW-3, SW-5, SW-6, and SW-8 to SW-10) exhibited TPH and/or chloride concentrations above NMOCD regulatory criteria for the site.

After further remedial efforts on February 6, 2025, NTGE was onsite to collect at total of five (5) base composite confirmation samples (CS-4 to CS-6, CS-8, and CS-25) and seven (7) composite sidewall samples (SW-3A, SW-5A, SW-8A, and SW-12 to SW-15) to ensure impacted soil was removed. Analytical results indicated that all samples were below NMOCD regulatory criteria for the site.

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Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal in Hobbs, New Mexico. Confirmation samples collected represent an area no greater than 200 square feet and were analyzed for BTEX (EPA Method 8021B), TPH (EPA Method 8015M), and chloride (Method 4500-Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached. The final excavation extent and confirmation sample locations are shown on Figure 4.

#### **Deferral Sampling**

On February 6, 2025, NTGE was onsite to install a total of three (3) vertical deferral sample points (DV-1 to DV-3) in order to characterize the extent of impacts being left in place within the area of the separators. Soil samples were collected at half-foot (0.5) ft intervals from depths ranging from zero (0) to four and a half (4.5) ft bgs with a geotechnical hand auger. Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal in Hobbs, New Mexico. Soil samples were analyzed for BTEX (EPA Method 8021B), TPH (EPA Method 8015M), and chloride (Method 4500-Cl-B). Analytical results indicated that deferral samples DV-1 to DV-3 exhibited chloride and/or TPH concentrations above NMOCD regulatory criteria at the Site at depths ranging from surface (0) to three and a half (3.5) ft bgs. All other samples were below NMOCD regulatory criteria for the site.

Laboratory reports containing analytical methods and chain-of-custody documents are attached. Deferral sampling locations are shown on Figure 5

#### **Deferral Request**

Due to the presence of production equipment (i.e., separators and associated pipelines) in the vicinity of areas V-2 through V-5, excavation of soils is not feasible as the result of associated safety concerns in encroaching the infrastructure. NTGE proposes to address the remaining soil impacts at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate safety concerns, whichever is sooner. The infrastructure in and around the excavation is shown on Figure 4 and Figure 5.

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

Sincerely,

**NTG Environmental** 

Ethan Sessums

Project Manager

Attachments:

Tables Figures

Site Characterization Documentation

Photographic Log

Laboratory Reports and Chain-of-Custody Documents

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**TABLES** 

Received by OCD: 2/24/2025 10:22:56 AM

# Table 1 Summary of Soil Analytical Data - Delineation Samples Jayhawk 6 CTB 2 Devon Energy Production Company Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
			(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 Cri	teria for Soil >	100 feet De	epth to Gro	undwater 19.	15.29 NM <i>A</i>	<b>IC</b>	
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
						Vertical De	lineation Sam						
V-1         9/10/2024         0-6"         <0.100         1.49         1.08         19.6         22.1         1,120         7,600         8,720         1,210         9,930										6,080			
V 1	9/10/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.5	20.5	<10.0	20.5	4,560
V-2	9/10/2024	0-6"	<0.200	5.03	5.62	69.2	79.8	5,480	30,900	36,380	4,570	40,950	112
• -	9/10/2024	1-1.5'	1.12	21.2	10.7	131	164	7,960	28,700	36,660	4,160	40,820	48.0
V-3	9/10/2024	0-6"	<0.050	0.141	0.090	1.42	1.65	102	5,360	5,462	859	6,321	4,000
, ,	9/10/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
V-4	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,040
V -T	9/10/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,000
V-5	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	11.7	<10.0	11.7	7,730
V 3	9/10/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,040
V-6	9/10/2024	0-6"	7.52	60.6	16.7	176	261	8,530	12,600	21,130	1,660	22,790	32.0
• •	9/10/2024	1-1.5'	<0.050	0.230	0.116	1.72	2.07	67.8	362	429.8	46.6	476.4	16.0
	9/30/2024	1'	<0.050	0.210	0.293	4.65	5.15	163	2,170	2,333	432	2,765	1,840
TP-1	9/30/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	63.4	63.4	28.2	91.6	256
	9/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.5	15.5	<10.0	15.5	416
	9/30/2024	1'	<0.050	0.624	0.702	10.4	11.7	411	4,500	4,911	973	5,884	32.0
	9/30/2024	2'	<0.050	<0.050	<0.050	0.300	0.300	31.9	372	403.9	117	520.9	32.0
TP-2	9/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	19.4	241	260.4	45.0	305.4	16.0
	10/30/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.2	98.2	18.3	116.5	32.0
	10/30/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	9/30/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,000
TP-3	9/30/2024	2'	<0.050	0.156	0.176	2.59	2.92	201	2,470	2,671	553	3,224	3,400
	9/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	54.4	54.4	31.3	85.7	512
	9/30/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	880
TP-4	9/30/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,080
	9/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
						<b>Horizontal D</b>	elineation Sar	nples					
H-1	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-2	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.9	35.9	<10.0	35.9	48.0

#### Table 1 **Summary of Soil Analytical Data - Delineation Samples** Jayhawk 6 CTB 2 **Devon Energy Production Company** Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
			(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	teria for Soil >	100 feet De	pth to Gro	undwater 19.	15.29 NMA	ıC	
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
H-3	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-4	9/10/2024	0-6"	<0.051	0.099	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
H-5	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
H-6	9/10/2024	<del>0-6"</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>4,640</del>
H-6A	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
H-7	9/10/2024	<del>0-6"</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>5,860</del>
H-7A	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
H-8	9/10/2024	<del>0-6"</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>5,400</del>
H-8A	9/30/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-9	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
H-10	9/10/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

#### Notes:

- 1. Values reported in mg/kg
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 2.< = Value Less Than Reporting Limit 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 3. Bold indicates Analyte Detected 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 4. BTEX analyses by EPA Method SW {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).

SP-1 Sample Point Excavated 9. --- Not Analyzed

#### Table 2 **Summary of Soil Analytical Data - Confirmation Samples** Jayhawk 6 CTB 2 Devon Energy Production Company

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Lea Co	unty,	New	Me	xico

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	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	e I Closure Crite	ria for Soil >1	00 feet Dep	th to Groun	dwater 19.15.2	29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
			•		Bas	e Confirmation	Samples	•					
CS-1	1/27/2025	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.8	15.8	<10.0	15.8	64.0
CS-2	1/27/2025	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.5	38.5	<10.0	38.5	400
CS-3	1/27/2025	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	46.2	46.2	<10.0	46.2	144
CS-4	1/27/2025	2	<del>&lt;0.050</del>	<del>&lt;0.050</del>	< <del>0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	866	866	139	1,005	1,220
C3-4	2/6/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-5	1/27/2025	2	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	117	<del>117</del>	<del>14.5</del>	131.5	8,800
C3-5	2/6/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-6	1/27/2025	3	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>185</del>	<del>185</del>	<del>17.0</del>	202.0	<del>1,460</del>
C3-0	2/6/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-7	1/27/2025	3	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	31.4	31.4	<10.0	31.4	432
CS-8	1/27/2025	3	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>3,520</del>
C3-6	2/6/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-9	1/27/2025	6"	<0.050	< 0.050	0.055	0.797	0.852	80.4	8,390	8,470	1,190	9,660	9,800
CS-10	1/27/2025	6"	<0.050	0.901	0.881	15.0	16.8	1,016	36,800	37,816	6,450	44,266	2,400
CS-11	1/27/2025	6"	<0.050	< 0.050	<0.050	0.335	0.335	154	16,000	16,154	2,660	18,814	272
CS-12	1/27/2025	6"	<0.050	0.063	0.213	3.55	3.82	361	21,500	21,861	3,670	25,531	8,160
CS-13	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,470	2,470	514	2,984	5,320
CS-14	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,360	1,360	288	1,648	4,160
CS-15	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	286	286	63.7	349.7	976
CS-16	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	625	625	158	783	512
CS-17	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	87.5	87.5	16.2	103.7	18,000
CS-18	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	81.2	81.2	14.2	95.4	21,400
CS-19	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	623	623	156	779	20,800
CS-20	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	101	101	21.3	122.3	18,000
CS-21	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.7	21.7	<10.0	21.7	32,800
CS-22	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	66.2	66.2	10.2	76.4	41,600
CS-23	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	36,400
CS-24	1/27/2025	6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	211	211	52.9	263.9	52,400
CS-25	2/6/2025	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
						wall Confirmati							
SW-1	1/27/2025	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.4	47.4	<10.0	47.4	64.0
SW-2	1/27/2025	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-3	<del>1/27/2025</del>	<del>0-2</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>132</del>	<del>132</del>	<del>12.9</del>	<del>144.9</del>	<del>384</del>
SW-3A	2/6/2025	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-4	1/27/2025	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
<del>SW-5</del>	<del>1/27/2025</del>	2-3	<del>&lt;0.050</del>	<del>&lt;0.050</del>	< <del>0.050</del>	< <del>0.150</del>	<del>&lt;0.300</del>	<del>29.7</del>	<del>1,840</del>	<del>1,869.7</del>	314	<del>2,183.7</del>	<del>2,160</del>
SW-5A	2/6/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-6	1/27/2025	0.5-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	283	283	44.4	327.4	2,960
SW-7	1/27/2025	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
SW-8	<del>1/27/2025</del>	0-3	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>6,160</del>
SW-8A	2/6/2025	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-9	1/27/2025	0.5-3	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	13.7	13.7	<10.0	13.7	9,200

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Received by OCD: 2/24/2025 10:22:56 AM

# Table 2 Summary of Soil Analytical Data - Confirmation Samples Jayhawk 6 CTB 2 Devon Energy Production Company

Lea County, New Mexico

								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	e I Closure Crite	ria for Soil >1	00 feet Dep	th to Groun	dwater 19.15.2	9 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	20,000 mg/kg
SW-10	1/27/2025	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,920
SW-11	1/27/2025	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	66.6	66.6	<10.0	66.6	80.0
SW-12	2/6/2025	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-13	2/6/2025	2-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-14	2/6/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-15	2/6/2025	3-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
						Deferral Sam	pling						
	2/6/2025	0-6"	<1.00	1.40	1.91	38.3	41.6	2,160	20,900	23,060	2,960	26,020	48.0
	2/6/2025	1-1.5	<0.050	0.238	0.317	5.94	6.50	514	4,970	5,484	761	6,245	48.0
DV-1	2/6/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	816
	2/6/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	2/6/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	2/6/2025	0-6"	<1.00	1.39	2.02	36.2	39.6	2,580	24,900	27,480	3,540	31,020	128
	2/6/2025	1-1.5	<0.050	0.309	0.447	8.14	8.90	317	3,620	3,937	601	4,538	48.0
DV-2	2/6/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,490
	2/6/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
	2/6/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	2/6/2025	0-6"	<2.00	2.23	2.96	57.9	63.1	2,920	25,600	28,520	3,590	32,110	144
	2/6/2025	1-1.5	<0.050	0.428	0.918	10.3	11.7	402	4,350	4,752	673	5,425	64.0
DV-3	2/6/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,880
	2/6/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
	2/6/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

#### Notes:

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

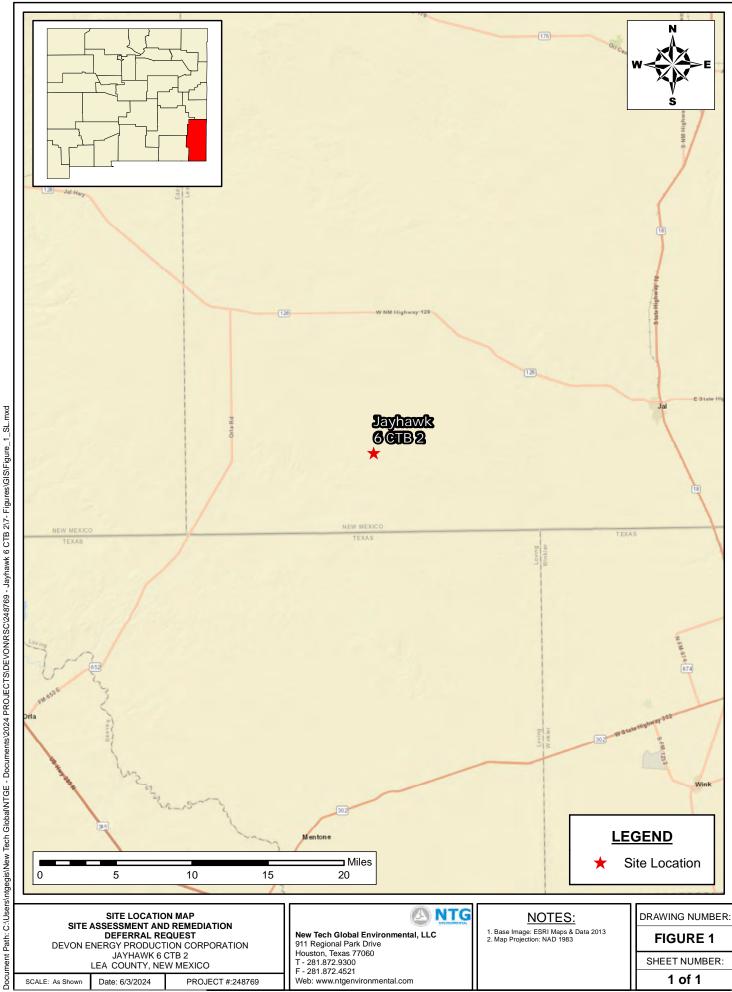
SP 1 Sample Point Excavated

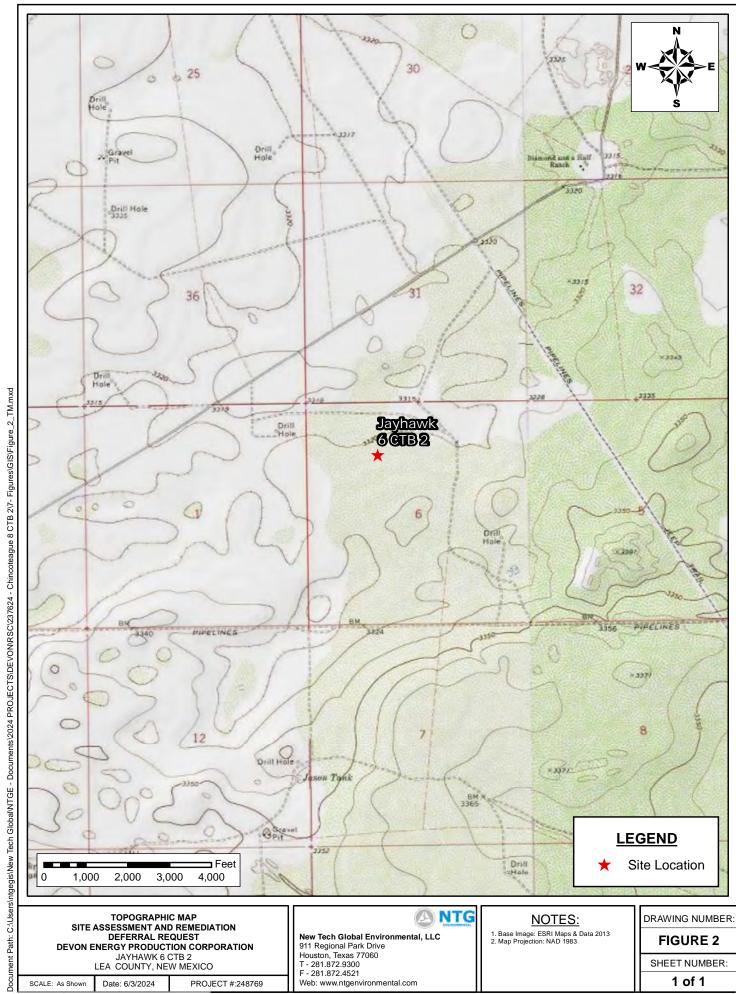
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

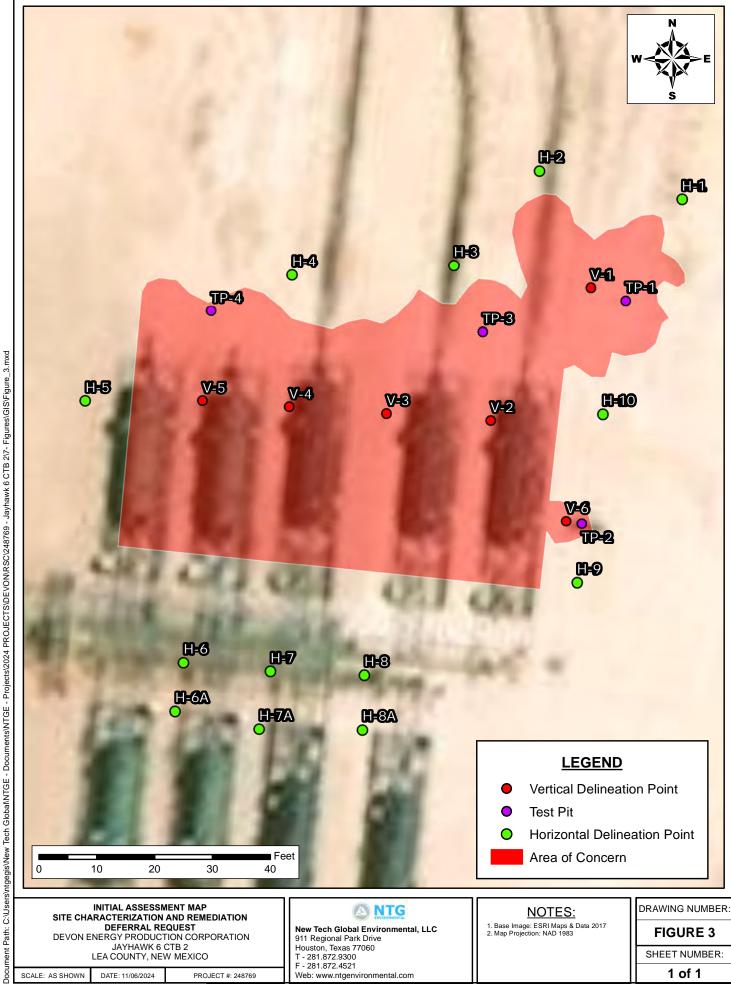
9. --- Not Analyzed

NTGE Project Number: 248769

# **FIGURES**







F - 281.872.4521 Web: www.ntgenvironmental.com

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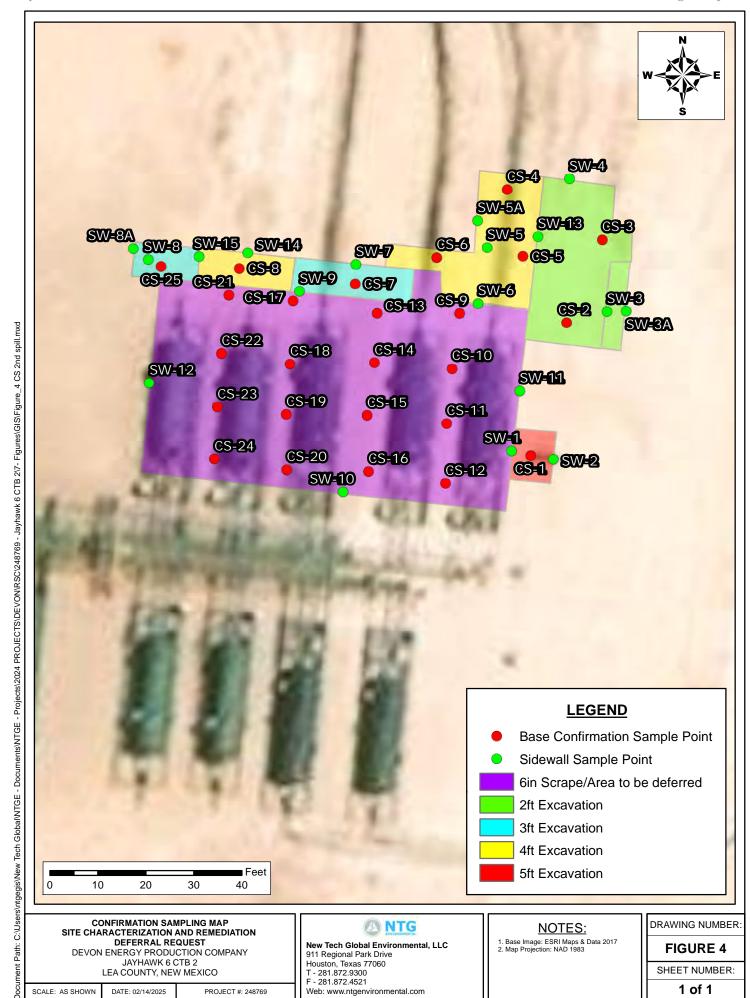
PROJECT #: 248769

SCALE: AS SHOWN

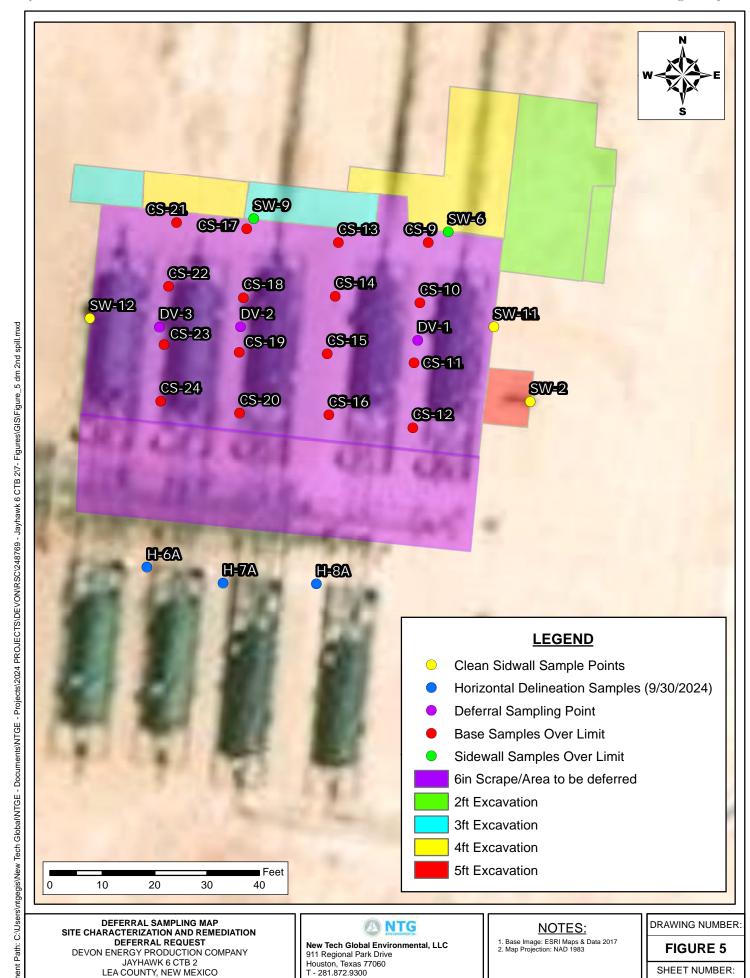
FIGURE 3

SHEET NUMBER:

1 of 1



1 of 1



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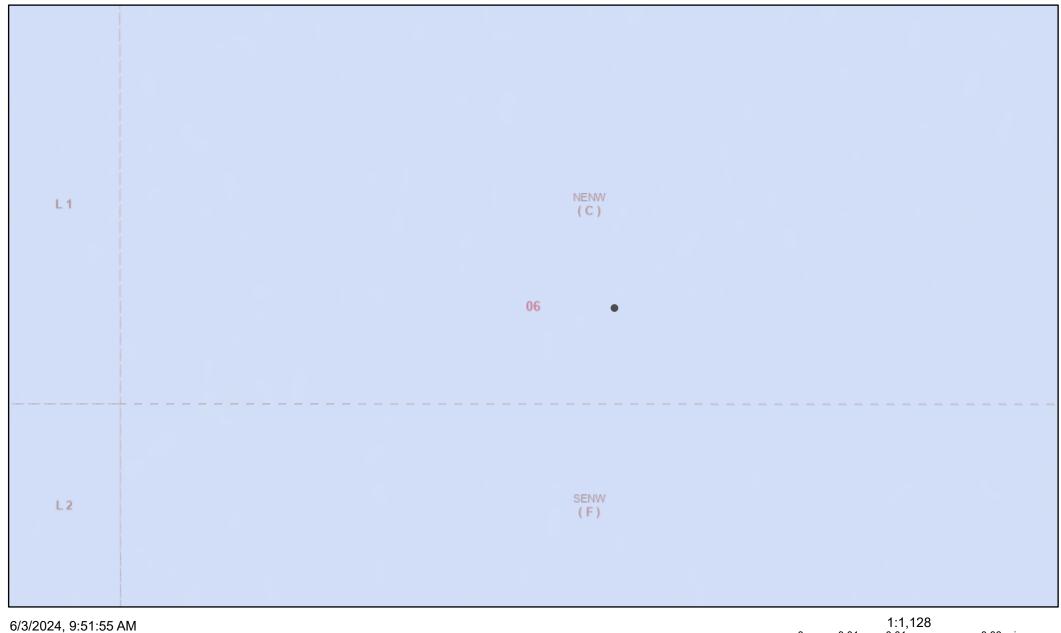
DATE: 02/21/2025

PROJECT #: 248769

SCALE: AS SHOWN

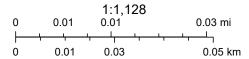


# Karst Potential Map



Karst Occurrence Potential PLSS Second Division

Low PLSS First Division



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# **OSE POD Location Map**



6/3/2024, 9:23:08 AM

Override 1

OSE District Boundary New Mexico State Trust Lands

GIS WATERS PODs Water Right Regulations

**Both Estates** 

Active Closure Area



# **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X

C 03441 POD1

2 06 26S 34E

640971 3550039

Y

Driller License:

1044

Driller Company:

EADES WELL DRILLING & PUMP SERVICE

Driller Name:

EADES, ALAN

Drill Start Date: 05/03/2010

Drill Finish Date:

05/03/2010

Plug Date:

Shallow

Log File Date:

05/17/2010

PCW Rcv Date:

Source:

Pump Type:

SUBMER

Pipe Discharge Size:

Estimated Yield:

Casing Size:

6.17

Depth Well:

250 feet

Depth Water:

Water Bearing Stratifications:	Top	Bottom	Description
	0	1	Other/Unknown
	1	25	Shale/Mudstone/Siltstone
	25	37	Sandstone/Gravel/Conglomerate
	37	85	Shale/Mudstone/Siltstone
	85	108	Sandstone/Gravel/Conglomerate
	108	128	Sandstone/Gravel/Conglomerate
	128	189	Shale/Mudstone/Siltstone
	189	249	Sandstone/Gravel/Conglomerate
	249	250	Shale/Mudstone/Siltstone
Casing Perforations:	Top	Bottom	
	190	250	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/3/24 8:41 AM

POINT OF DIVERSION SUMMARY

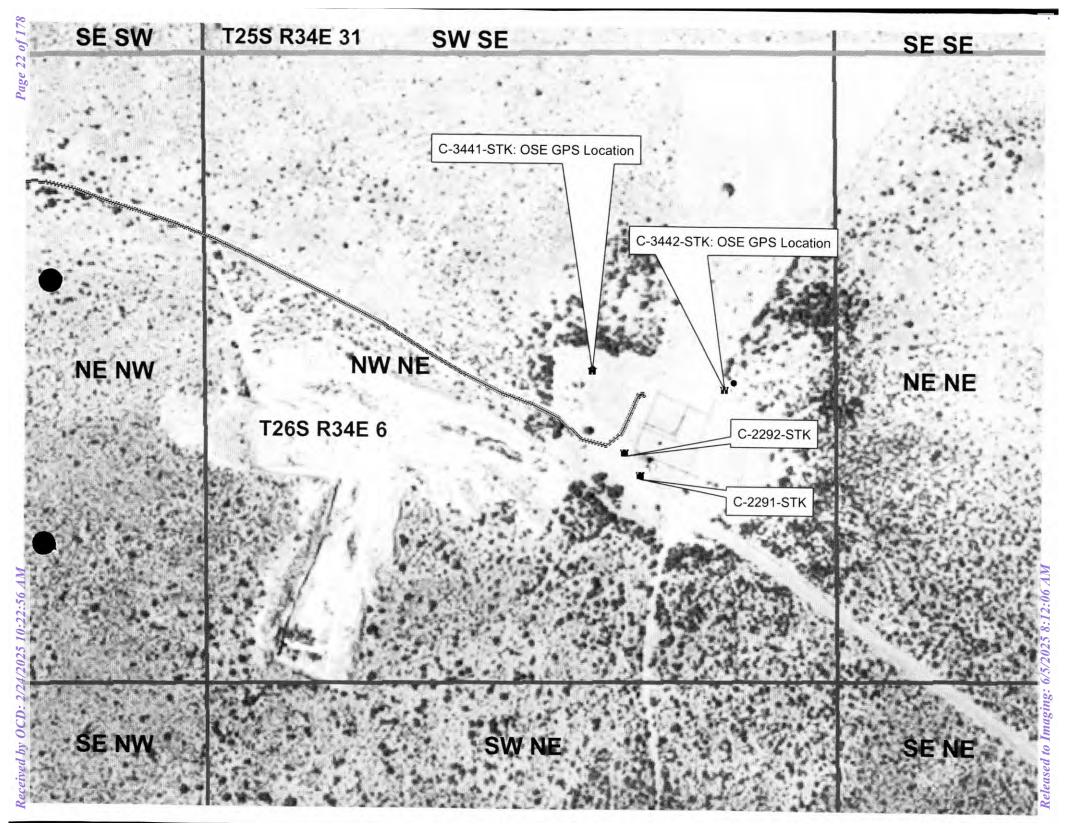


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	10.00

PO Box 963    Capitan   NM   883*									· · · · · · · · · · · · · · · · · · ·		<del></del>				
DITMOGRE MANUELY  PO BOX 963  WELL OWNER MAILING ADDRESS  PO BOX 963  WELL OWNER MAILING ADDRESS  WELL OWNER MAILI	NOI				MBER)	344	1- Pa	0D_1				IBER(S)	11.	2	
TOWNSHIP SECTION 6 26 SAME 34  SUBDIVISION NAME   LOT NUMBER   BLOCK NUMBER   UNITYTRACT  HYDROGRAPHIC SURVEY   MAP 1/2	OCAT										PHONE (OPTIO	NAL)		7	
TOWNSHIP    C23 ACRE   C10 ACRE	WELL 1			LING A	DDRESS									883	ZIP 316
TOWNSHIP SECTION 6 26 SAME 34  SUBDIVISION NAME   LOT NUMBER   BLOCK NUMBER   UNITYTRACT  HYDROGRAPHIC SURVEY   MAP 1/2	9	WELL				DEGREE	s	MINUTES	SECO	NDS	40,224				
TOWNSHIP SECTION 6 26 SAME 34  SUBDIVISION NAME   LOT NUMBER   BLOCK NUMBER   UNITYTRACT  HYDROGRAPHIC SURVEY   MAP 1/2	[ ¥ ]		N N	LATIT	runc	N:	32	04		41.0 N			NTH OF A SEC	COND	
TOWNSHIP    C23 ACRE   C10 ACRE	[ ₹		1			18/4/	72	20		na- W	• DATUM REC	UIRED: WGS 84	OSE	(PZ)	
TOWNSHIP    C23 ACRE   C10 ACRE	N. S.									00.9			-000	75/	·
SUBDIVISION NAME  LOT NUMBER  LOT NUMBER  BLOCK NUMBER  UNIT/TRACT NUM  MAP NUMBER  LOT NUMBER  BLOCK NUMBER  UNIT/TRACT NUM  MAP NUMBER  LOT NUMBER  LOT NUMBER  LOT NUMBER  BLOCK NUMBER  UNIT/TRACT NUM  MAP NUMBER  TRACT NUM  TRACT NUM  MAP NUMBER  LOT NUMBER  LOT NUMBER  BLOCK NUMBER  UNIT/TRACT NUM  MAP NUMBER  TRACT NUM  TRACT NUM  PARTICIPATION DEFTH (FT)  BORE HOLE DEFTH (FT)  DEFTH WATER FIRST ENCOUNTERED (FT)  DEFTH WATER FIRST ENCOUNTERED (FT)  DEFTH WATER LEVEL IN COMPLETED WELL  STATIC WATER LEVEL IN COMPLETED WELL  FROM TO DIA (IX)  MATERIAL  TYPE (CASING)  CASING (IX)  TYPE (CASING)  CASING (IX)  THICKNESS (IX)  THICKNESS (IX)  PVC Slip joint  6.166  2.55  190  250  DEPTH (FT)  THICKNESS  FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA  (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)  MATERIAL  METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL YIELD (GPM)	1. GI	DESCRIPTIO	ON REL	ATING	WELL LOCATION	ON TO STRE	ET ADDRE	SS AND COM	AON LANDM	IARKS ~	- 22.867				
SUBDIVISION NAME    LICENSE NUMBER   LICENSE DEFILES		(2.5 ACR	E)	(1	IO ACRE)	(40 A	CRE)	(160 A	CRE)	SECTION		TOWNSHIP	_	RANGE	
SUBDIVISION NAME  HYDROGRAPHIC SURVEY  LICENSE NUMBER  LICENSE NUMBER  LICENSE NUMBER  LICENSE NUMBER  NAME OF WELL DRILLING COMPANY Eades Drilling & Pump Service  READ DEPTH GENERAL STATIC WATER LEVEL IN COMPLETED WELL (FT)  COMPLETED WELL IS:  ARTESIAN  DRY HOLE  DRILLING METHOD.  ROTARY  MAD NUMBER  NAME OF WELL DRILLING COMPANY Eades Drilling & Pump Service  DEPTH WATER FRATE ENCOUNTERED (FT)  250  STATIC WATER LEVEL IN COMPLETED WELL  STATIC WATER LEVEL IN COMPLETED WELL  ON COMPLETED WELL IS:  ARTESIAN  DRY HOLE  SHALLOW (UNCONFINED)  DEPTH (FT)  BORE HOLE  CASING  CONNECTION  TYPE (CASING)  CASING (IN)  THICKNESS (IN)  THICKNESS (IN)  THICKNESS (IN)  THICKNESS (IN)  THICKNESS (IN)  DEPTH (FT)  THICKNESS  (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)  METHOD USED TO ESTIMATE VIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL VIELD (GPM)	ا بـ ا	Alice		51	Fu		. 1/4	سے ں	V.		6	26		34	☑ EAST
UICENSE NUMBER WD1044    NAME OF LICENSED DRILLER   NAME OF LICENSED DRILLER   NAME OF WELL DRILLING COMPANY   Eades Drilling & Pump Service	YZ			<del></del> :-	·	NN		<u> </u>		LOT NUN	ABER	BLOCK NUMBER	SOUTH	UNIT/TRAC	☐ west
UICENSE NUMBER WD1044    NAME OF LICENSED DRILLER   NAME OF LICENSED DRILLER   NAME OF WELL DRILLING COMPANY   Eades Drilling & Pump Service	월														-
LICENSE NUMBER   NAME OF LICENSED DRILLER   Alan Eades	8	HYDROGRA	PHIC S	URVEY	<del></del>					<u> </u>		MAP NUMBER		TRACT NU	MRÉR
WD1044 Alan Eades    DRILLING STARTED   O5-03-10   DEPTH OF COMPLETED WELL (FT)   BORE HOLE DEPTH (FT)   DEPTH WATER FIRST ENCOUNTERED (FT)	4														
WD1044 Alan Eades    DRILLING STARTED   O5-03-10   DEPTH OF COMPLETED WELL (FT)   BORE HOLE DEPTH (FT)   DEPTH WATER FIRST ENCOUNTERED (FT)							·							<u> </u>	
DRILLING STARTED O5-03-10 DEPTH OF COMPLETED WELL (FT) DEPTH (FT) DEPTH WATER FIRST ENCOUNTERED (FT) O5-03-10 O5-03-10 DEPTH OF COMPLETED WELL (FT) D5-03-10 DEPTH WATER FIRST ENCOUNTERED (FT) D5-03-10 DFT WATER FIRST ENCOUNTER D6-10 DFT							LER								
O5-03-10			044		niari Laues							Lades Dilling	jαrumμ ——.	VICE	
COMPLETED-WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED)    DRILLING FLUID: AIR MUD ADDITIVES - SPECIFY:				D.			TH OF COM		L (FT)			DEPTH WATER F	RST ENCOUN	TERED (FT)	
0   20   11   PVC   Slip joint   6.166   .255	Z														
0   20   11   PVC   Slip joint   6.166   .255		STATIC WATER LEVEL IN COMPLETED WELL (										L (FT)			
0   20   11   PVC   Slip joint   6.166   .255	\ <u>\tilde{8}</u>	COMPLETE	D-WELL	_ IS:	ARTESIAN	<u>ل</u> ا '	DRY HOLE	SHAI	LOW (UNC	ONFINED)					
0   20   11   PVC   Slip joint   6.166   .255	S S	DRILLING F	นบเอ:		AIR	V	MUD	ADD	ITIVES – SPE	CIFY:					
0   20   11   PVC   Slip joint   6.166   .255		DRILLING	AETHO!	n.	POTARY				E TOOL	Потн	FR - SPECIEV				
0   20   11   PVC   Slip joint   6.166   .255	Į žį			<u> </u>						T		<u> </u>	1	<u></u>	
0   20   11   PVC   Slip joint   6.166   .255	1					· ]						l .			SLOT SIZE (IN)
20   190   9.75   PVC   slip joint   6.166   .255     190   250   9.75   PVC - screen   slip joint   6.166   .255     20   190   9.75   PVC - screen   slip joint   6.166   .255     20   190   9.75   PVC - screen   slip joint   6.166   .255     21   22   23   24   24   25     22   24   25   25     23   24   25   25     24   25   25   25     25   25   25     26   26   26   25     27   27   27     28   189   61   Sandy red clay     27   27   27   27     28   28   28   27   27     29   29   29   29     20   20   20   20     20   20   20	R R						M			<u> </u>	<del></del>				SIZE (114)
THE THOOLUSED TO ESTIMATE YIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL YIELD (GPM)  190 250 9.75 PVC - screen slip joint 6.166 .255  PVC - screen slip joint 6.166 .255  FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)  Sandy red clay  METHODUSED TO ESTIMATE YIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL YIELD (GPM)	m						<del></del>			+	<del></del> -			· · · · · ·	
DEPTH (FT) THICKNESS FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)  128 189 61 sandy red clay  METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL YIELD (GPM)	]						<del></del>			+			<del></del>		
FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)  128 189 61 sandy red clay  METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL YIELD (GPM)		190	250	0	9.75		PV	C - screen		SI	ip joint	6.166		255	.035
FROM TO (FT) (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)  128 189 61 sandy red clay  METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL YIELD (GPM)	<u></u>			L					· <u>-</u> -	<u> </u>					<u> </u>
128 189 61 sandy red clay  METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA  TOTAL ESTIMATED WELL YIELD (GPM)		DEPT	H (FT)		THICKNES	s	F	ORMATION	DESCRIP	TION OF I	PRINCIPAL W	ATER-BEARING	STRATA		YIELD
4	TA	FROM	TC		(FT)			(INCLUD	E WATER	-BEARING	CAVITIES O	R FRACTURE ZO	NES)		(GPM)
4	≩	128	18	9	· 61					sand	dy red clay				
4	SS														
					<del></del>				· · · · · · · · ·						
	FAR														
	89:														
4	1 2	METHODI	CED TO	LECTIV	(ATE VICE DOE	WATER OF	A DING CTD	ATA				TOTAL ESTIMAT	IN WELL VIE	D (CPM)	
4	<b>*</b>	. METHOD 0	SED IO	/ 123 t 1W	INTETIELD OF	WATER-DE	AKING 31K	A17				TOTAL LISTERIA	-D ***COL 11L		
FOR OSE INTERNALLISE  WELL RECORD & LOC (Version 6/0	4									_					
FOR OSE INTERNAL USE WELL RECORD & LOC (Version 6/0		<del></del>													
		FOR OSE	INTE	RNAL		<del></del>			<del></del>		~ -	<del></del>		(Version 6	/9/08)
FILE NUMBER C-3941 POD NUMBER POD_1 TRN NUMBER		FILE NU	MBER		C-334	<u> </u>		PC	DD NUMBI	ER PO	$\nu_{\perp}$	TRN NUME	ER	<u> </u>	
And the state of t		LOCATIO	ON S	6.3	34.6.2	147	22							PAGE 1	OF 2
LLOCATION   11 / 751 / 11   11   127	LOCATION 26.34.6.21.411.22 PAGE 1 OF 2								Or Z						

UMP	TYPE OF	PUMP:	SUBMER TURBINI		☐ JET ☐ CYLINDER	☐ NO PUMP – WELL NOT EQUIPPED . ☐ OTHER – SPECIFY:						
SEAL AND PUMP	ANNU	JLAR	DEPTH FROM	I (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METH PLACE	OD OF EMENT			
3	SEAL	AND	0	20	11	bentonite chips - hydrated	9	gravity fed				
S.S.	GRAVE	LPACK	20	250	9.75	gravel	84	gravi	ty fed			
	<u> </u>			<u> </u>			<u> </u>	<u> </u>				
	DEPTI	H (FT)	THICK	NESS		COLOR AND TYPE OF MATERIAL ENCOUNT	ERED	WA	TER			
	FROM	то	(F1	r)	(INCLI	JDE WATER-BEARING CAVITIES OR FRACT	URE ZONES)		NG?			
"	0	1	1			top soil		☐ YES	□ NO			
	1	25	24	4		sandy clay		☐ YES	□ NO			
	25	37	12	2		caliche & sand		☐ YES	□ NO			
	37	85	48	В		sand & sandstone stringers		☐ YES	□ NO			
<b> </b> -;	85	108	23	3		red sandstone with red clay strea	ks	YES	ОИ			
GEOLOGIC LOG OF WELL	108	128	20	0		sandstone with yellow clay streat	(S	☐ YES	□ NO			
OF	128	189	6-	1		sandy red clay		YES	□ NO			
90	189	249	60	0		white sandstone with red clay stre	aks	YES	□NO			
5	249	250	1			red clay		☐ YES	□ NO			
100								☐ YES	□ NO			
မြ								☐ YES	□ NO			
6.												
				<del></del> -				☐ YES	□NO			
	-					_		☐ YES	<b>□</b> NO			
								☐ YES	□NO			
								☐ YES	□ NO			
		-					<del></del>	☐ YES	□ио			
			ATTACH	ADDITION	IAL PAGES AS NI	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL					
	· · · · · ·		METHOD:	BAILE	R DUMP	☐ AJR LIFT ☐ OTHER – SPECIFY:	,,,,,,,,	<del></del>				
L INFO	WELL	. TEST				DATA COLLECTED DURING WELL TESTING, AND DRAWDOWN OVER THE TESTING PER	INCLUDING START	TIME, END T	ìme,			
NO NO	ADDITION	NAL STATE	MENTS OR EXPL	ANATIONS:			8	S				
& ADDITTONAL IN							ΥΛM					
\ \arraycolong			-				_	. <u> </u>				
T.							<b></b>					
7. TEST							▶ ;	7 H				
7	<u> </u>	<del>,</del>	·	<del> </del>	<del> </del>		= :	<u>ት</u> ዓ	<u> </u>			
32	CORRE	CT RECOR	D OF THE AL	BOVE DESC	RIBED HOLE AN	EST OF HIS OR HER KNOWLEDGE AND BELI D THAT HE OR SHE WILL FILE THIS WELL F	EF, THE FOREGOING ECORD WITH THE S	JS A TRUE A	AND EER AND			
SIGNATURE	THE PE	RMIT HOL	DER WITHIN	120 DAYS A	AFTER COMPLETI II I	ON OF WELL DRILLING:						
	<u> </u>	//	Law.	Cad	16 DX	May 14, 2010						
. oci			SIGNATUI	RE OF DRIL	Ende	ia Cade DATE						
				:								

FOR OSE INTERNAL USE		WELL RECORD & LOG	(Version 6/9/08)
FILE NUMBER C-3341	POD NUMBER POD 1	TRN NUMBER	
LOCATION 76.34.6.24.52			PAGE 2 OF 2



#### **Locator Tool Report**

#### General Information:

Application ID:29

Date: 02-01-2011

Time: 11:32:20

WR File Number: C-03441-STK

Purpose: POINT OF DIVERSION

Applicant First Name: DINWIDDIE CATTLE CO

Applicant Last Name: NEW STOCK WELL (OSE FIELD GPS)

GW Basin: CARLSBAD

County: LEA

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

#### PLSS Description (New Mexico Principal Meridian):

NW 1/4 of SE 1/4 of NW 1/4 of NE 1/4 of Section 06, Township 26S, Range 34E.

#### Coordinate System Details:

#### Geographic Coordinates:

Latitude:

32 Degrees 4 Minutes 40.2 Seconds N

Longitude:

103 Degrees 30 Minutes 22.9 Seconds W

#### Universal Transverse Mercator Zone: 13N

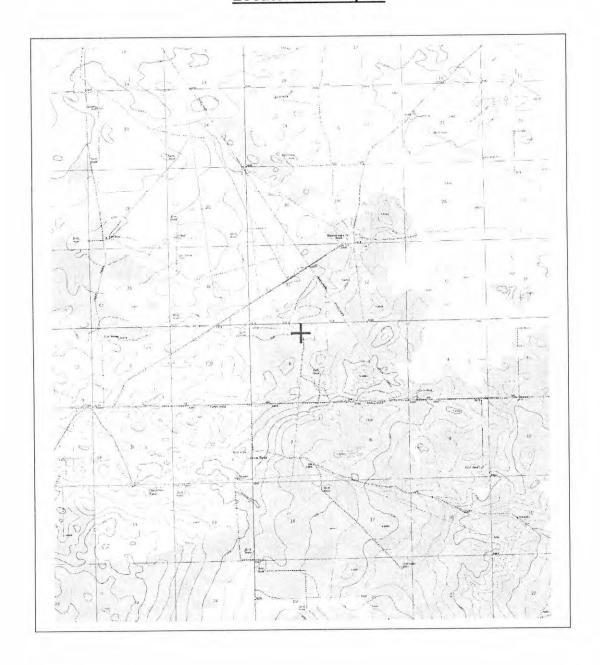
NAD 1983(92) (Meters) N: 3,550,040 E: 640,971 NAD 1983(92) (Survey Feet) N: 11,647,089 E: 2,102,918 NAD 1927 (Meters) N: 3,549,839 E: 641,018 NAD 1927 (Survey Feet) N: 11,646,429 E: 2,103,073

#### State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters) N: 119,798 E: 243,072 NAD 1983(92) (Survey Feet) N: 393,037 E: 797,479 NAD 1927 (Meters) N: 119,780 E: 230,518 NAD 1927 (Survey Feet) N: 392,980 E: 756,292

# NEW MEXICO OFFICE OF STATE ENGINEER

# **Locator Tool Report**





WR File Number: C-03441-STK Scale: 1:77,058

Northing/Easting: UTM83(92) (Meter): N: 3,550,040 E: 640,971

GW Basin: Carlsbad

Page 2 of 2 Print Date: 02/01/2011



	1912	037	<u></u>					·	17/	TO A		
GENERAL AND WELL LOCATION	POD NUMBER (WEI.L NUMBER) (-3.442-POD_1							OSE FILE NUMBER(S) C 03442				
	well owner name(s) Dinwiddie Cattle Company							PHONE (OPTIONAL)				
	WELL OWNER MAILING ADDRESS PO Box 963							CITY STATE ZIP Capitan NM 88316				
N O	WELL			DEGREES			39.812					
A. A	LOCATI	אס	LATITUDE	N32			l l		QUIRED: ONE TENTH OF A SECOND			
ER	(FROM C	iPS)	LONGITUDE	W103	30 <del>- 28.4</del> W		• DATUM REQUIRED: WGS 84 (OSE GPS)					
1. GE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS 19-628											
2. OPTIONAL	(2.5 ACRE)		(10 ACRE)	(40 ACRE)	RE) (160 ACRE)		i	TOWNSHIP	NORTH RANGE		D	
	NE " SE"		SE:4	NW4	NE	1/4	6	26		34	□ west _	
	SUBDIVISI	ON NAME				LOT NU	MBER	BLOCK NUMBER	UNIT/TRACT		СТ	
	HYDROGRAPHIC SURVEY							MAP NUMBER TRACT NUMBE		IMBER		
Ž.	LICENSE NUMBER NAME OF LICENSED DRILLER WD1044 Alan Eades							NAME OF WELL DRILLING COMPANY Eades Drilling & Pump Service				
			05-03-1		DEPTH OF COMPLETED WELL (FT) BO 251			TH (FT) DEPTH WATER FIRST ENCOUNTERED (FT)				
DRILLING INFORMATION	COMPLETED WELL IS: ARTESIAN				DRY HOLE SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)			
FO	DRILLING FLUID: AIR		<b>✓</b> MUD	✓ MUD ADDITIVES - SPECIFY:								
G IS	DRILLING METHOD: ROTARY		П намме	HAMMER CABLE TOOL OT			IER - SPECIFY:					
RILLIN	DEPTH (FT)		BORE HOL		CASING MATERIAL		NECTION E (CASING)	INSIDE DIA. CASING CASING (IN) THICKNE			SLOT SIZE (IN)	
3. D	0 20		11		PVC		lip joint	6.166	.2	:55		
	20 191 9.75			PVC		lip joint	6.166	.2	255			
	191	251	9.75	F	VC - screen	s	lip joint	6.166	.2	255	.035	
	<u></u>							<u> </u>				
WATER BEARING STRATA	DEPTH (FT) THICKNESS			ss	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA						YIELD	
	FROM TO		(FT)	_ <del></del>	(INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)						(GPM)	
STR	128 189		61			şan	dy red clay					
ING	<del></del>						<del></del>		<del> </del>			
AR	<del> </del>	<u> </u>										
R BE		<del>                                     </del>										
TE	METHOD	USED TO I	STIMATE YIELD OF	WATER-BEARING S	TRATA			TOTAL ESTIMATE	D WELL YIE	LD (GPM)		
4. W.												

POD NUMBER POP 1

PAGE 1 OF 2

WELL RECORD & LOG (Version 6/9/08)

TRN NUMBER

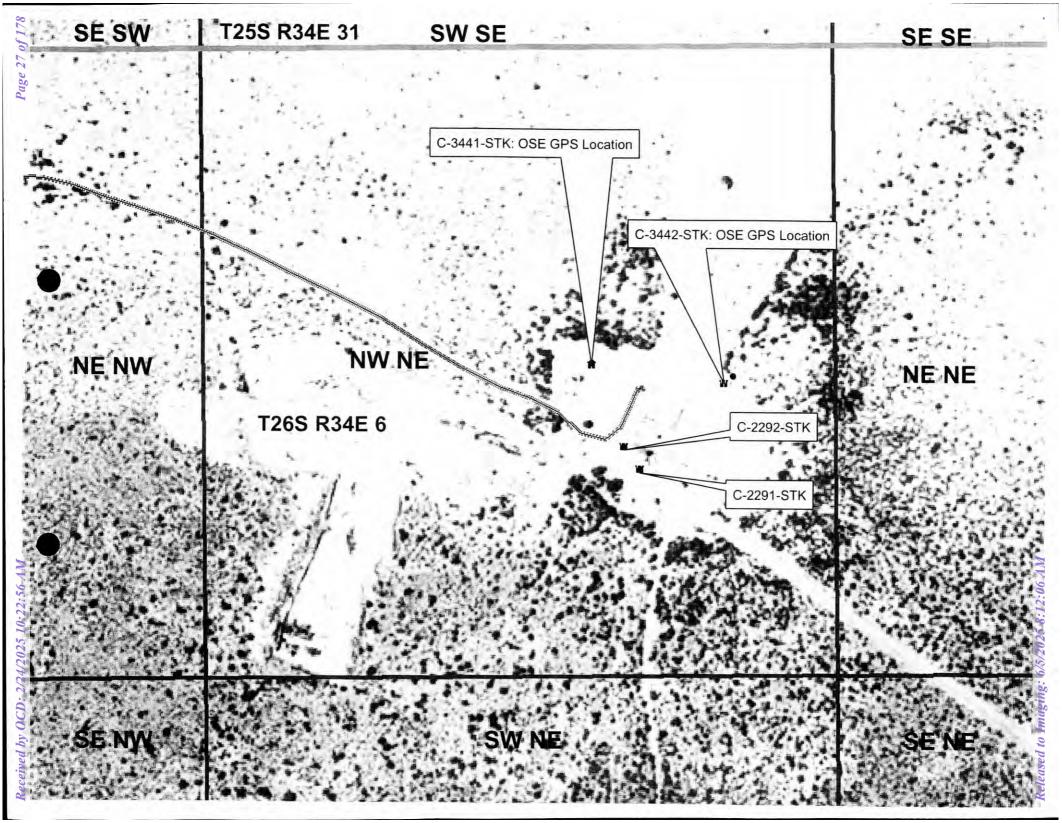
FOR OSE INTERNAL USE

FILE NUMBER

LOCATION

5. SEAL AND PUMP	TYPE OF PUMP:		☑ SUBMERSIBLE ☐ TURBINE		☐ JET ☐ NO PUMP – WELL NOT EQUIPPED ☐ CYLINDER ☐ OTHER – SPECIFY:						
	ANNULAR SEAL AND GRAVEL PACK		DEPTH (FT) FROM TO		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT			
			0	20	11	bentonite chips - hydrated	9	gravity fed			
			20	251	9.75	gravel	85	gravity fed			
	DEPTH (FT)		THICKNESS			WATER					
İ	FROM TO		(FT)		(INCLU	BEAR					
	0	1	1			☐ YES	□ NO				
	1	25	24			☐ YES	□ио				
İ	25	37	12			☐ YES	<b>□</b> NO				
T	37	85	48			☐ YES	□NO				
	85	108	23			YES	□NO				
¥ E	108	128	20		sandstone with yellow clay streaks				□ NO		
GEOLOGIC LOG OF WELL	128	189	61		sandy red clay				□ NO		
8	189	250	61		white sandstone with red clay streaks				□ио		
_ <u>;</u>	250	251	1			red clay		☐ YES	□ NO		
Š				-				☐ YES	□NO		
GEO								☐ YES	□ NO		
9								☐ YES	□ио		
								☐ YES	□ NO		
								☐ YES	□ио		
								☐ YES	□ NO		
								☐ YES	□ NO		
								☐ YES	□ NO		
			АТГАСН	ADDITION	AL PAGES AS NE	EEDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL	<u>.</u>			
	METHOD: ☐ BAILER ☐ PUMP ☐ AIR LIFT ☐ OTHER – SPECIFY:										
L INFO	WELL TEST TEST RESULTS - ATTA AND A TABLE SHOWN				ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TRACE END TIME, ING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.						
ADDITIONAL	ADDITION	IAL STATEN	IENTS OR EXPL		· · · · · · · · · · · · · · · · · · ·		MAY	- <b></b>			
H							7	N.G.			
								丟	'		
TEST &											
TE.											
7.								<u> </u>	<del></del>		
स्य	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND										
SIGNATURE	CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT MYLDER WITHIN 20-19 AYS AFTER COMPLETION OF WELL DRILLING:										
NA	May 14, 2010										
	A = B + B + B + B + B + B + B + B + B + B										
signature of Driller (Ludica) Cade DATE											

FOR OSE INTERNAL USE	WELL RECORD & LOG (Version 6/9/08)		
FILE NUMBER <i>(-3442</i>	POD NUMBER POD 1	TRN NUMBER	
LOCATION 26.34 6. 24/733		PAGE 2	2 OF 2



#### **Locator Tool Report**

#### General Information:

Application ID:29

Date: 02-01-2011

Time: 11:38:38

WR File Number: C-03442-STK

Purpose: POINT OF DIVERSION

Applicant First Name: DINWIDDIE CATTLE CO

Applicant Last Name: NEW STOCK WELL (OSE FIELD GPS)

GW Basin: CARLSBAD

County: LEA

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

#### PLSS Description (New Mexico Principal Meridian):

NE 1/4 of SE 1/4 of NW 1/4 of NE 1/4 of Section 06, Township 26S, Range 34E.

#### **Coordinate System Details:**

#### Geographic Coordinates:

Latitude: 32 Degrees
Longitude: 103 Degrees

32 Degrees 4 Minutes 39.8 Seconds N

103 Degrees 30 Minutes 19.6 Seconds W

#### Universal Transverse Mercator Zone: 13N

 NAD 1983(92) (Meters)
 N: 3,550,028
 E: 641,056

 NAD 1983(92) (Survey Feet)
 N: 11,647,051
 E: 2,103,197

 NAD 1927 (Meters)
 N: 3,549,827
 E: 641,103

 NAD 1927 (Survey Feet)
 N: 11,646,391
 E: 2,103,353

#### State Plane Coordinate System Zone: New Mexico East

 NAD 1983(92) (Meters)
 N: 119,786
 E: 243,157

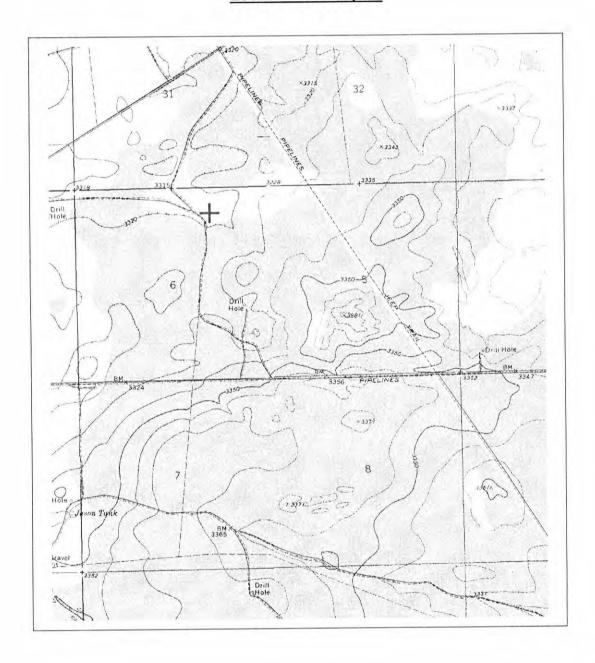
 NAD 1983(92) (Survey Feet)
 N: 392,998
 E: 797,758

 NAD 1927 (Meters)
 N: 119,768
 E: 230,603

 NAD 1927 (Survey Feet)
 N: 392,940
 E: 756,571

#### **NEW MEXICO OFFICE OF STATE ENGINEER**

#### **Locator Tool Report**





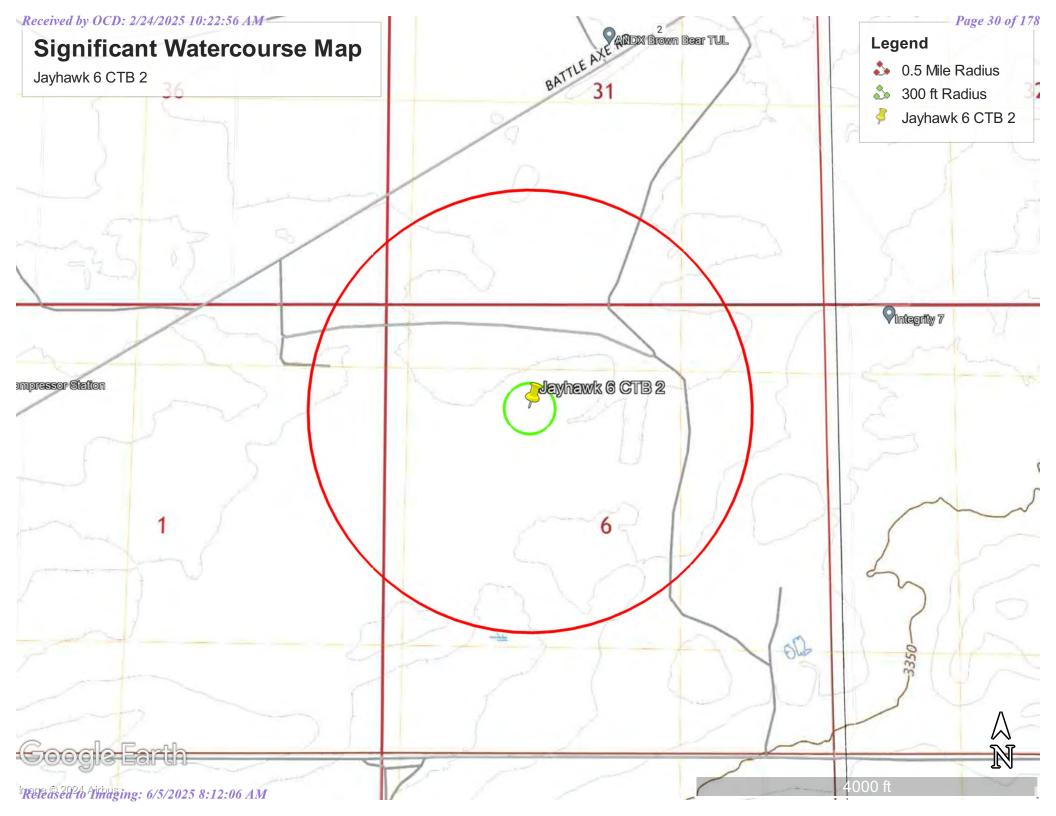
WR File Number: C-03442-STK Scale: 1:31,754

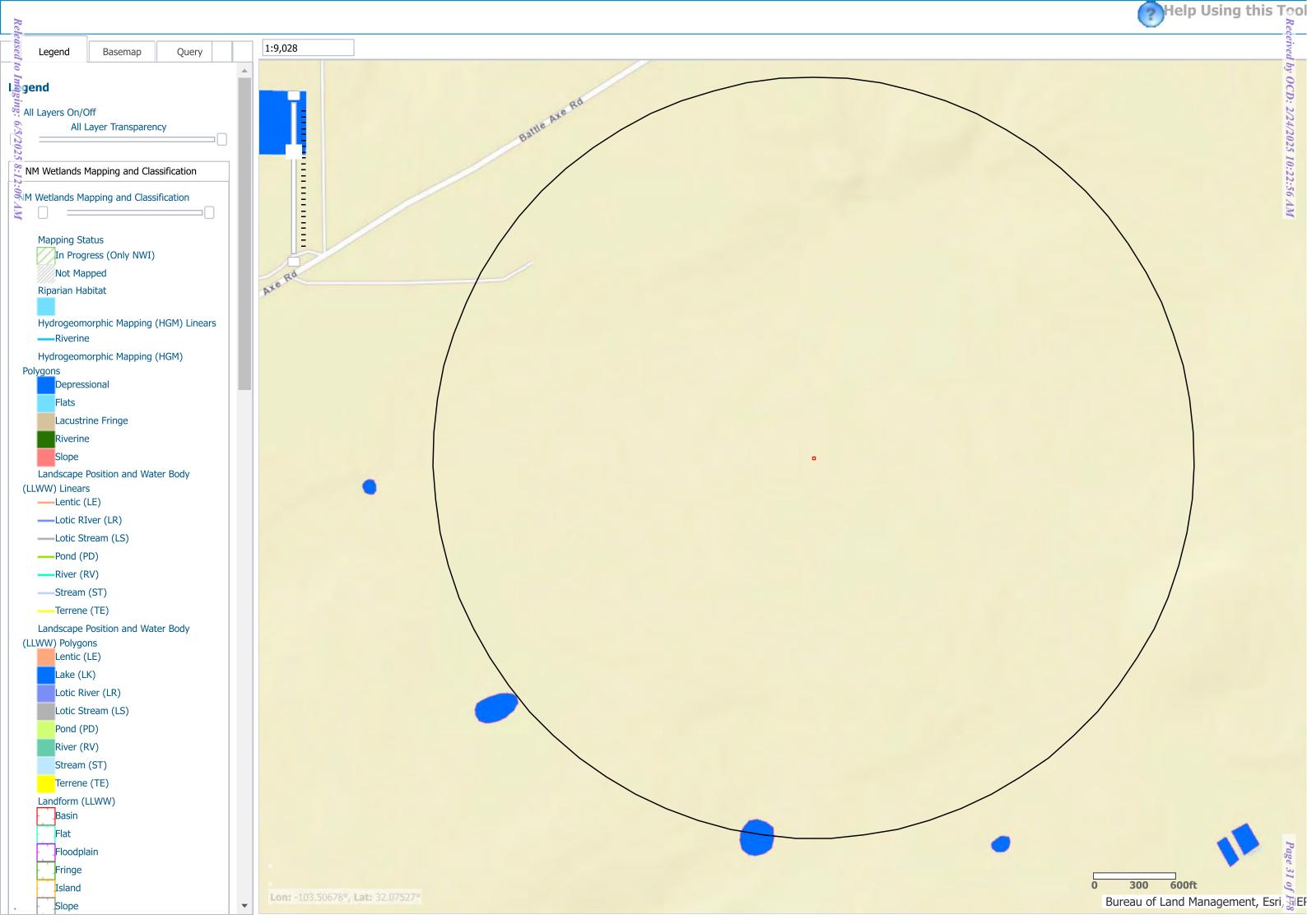
Northing/Easting: UTM83(92) (Meter): N: 3,550,028 E: 641,056

Northing/Easting: SPCS83(92) (Feet): N: 392,998 E: 797,758

GW Basin: Carlsbad

Page 2 of 2 Print Date: 02/01/2011



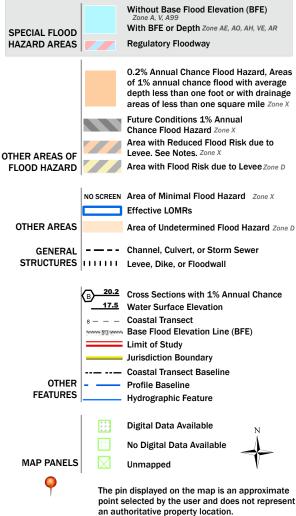


# Received by OCD: 2/24/2025 10:22:56 AM National Flood Hazard Layer FIRMette





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



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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/4/2024 at 10:02 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

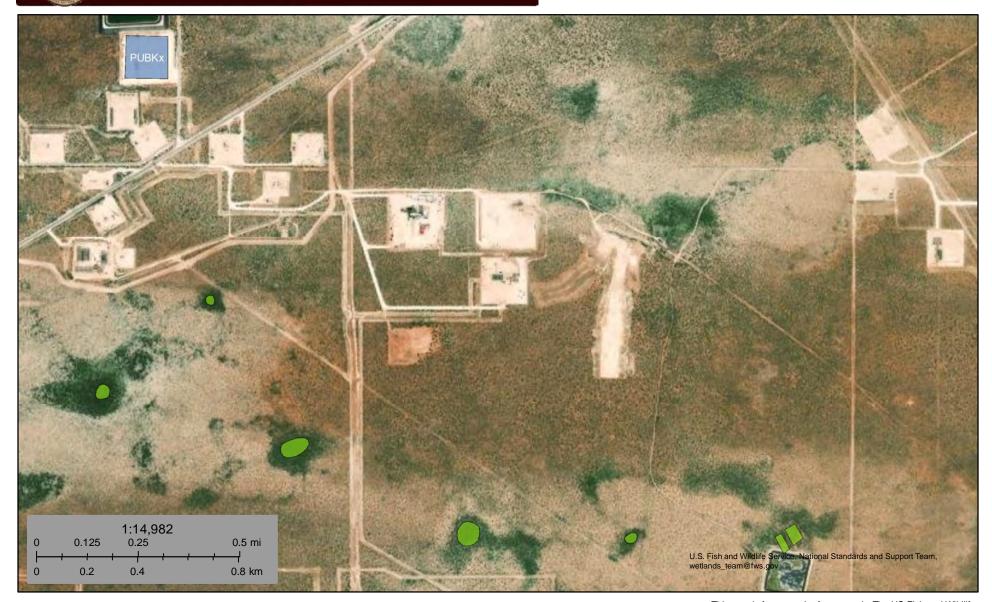
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



2,000



# Wetlands Map



June 3, 2024

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

Freshwater Forested/Shrub Wetland

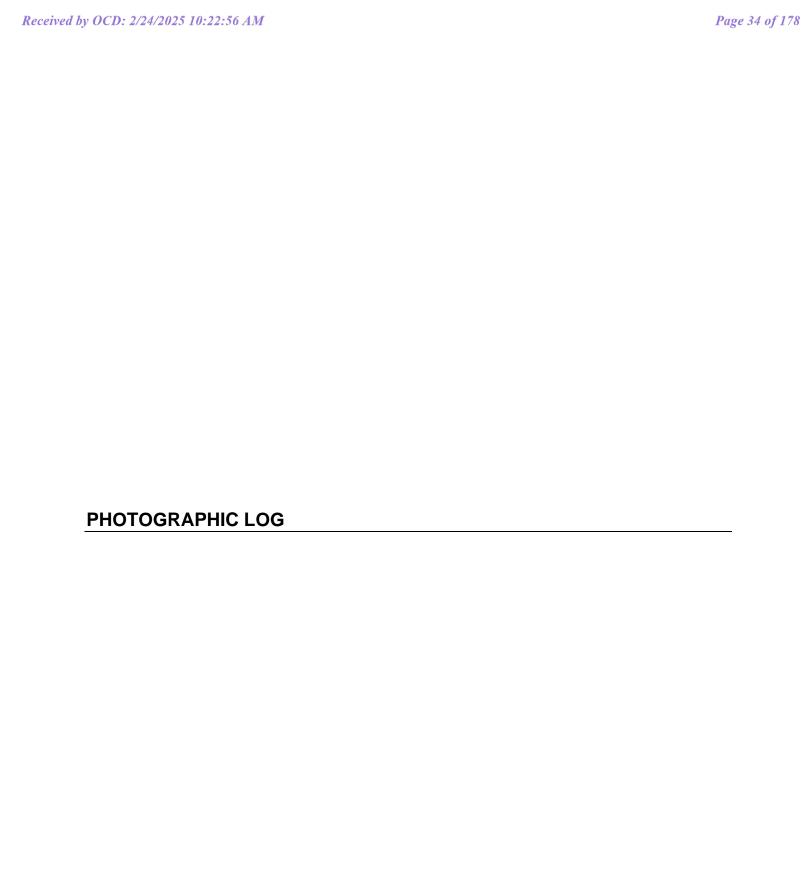
Other

Freshwater Pond



Riverine

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



#### PHOTOGRAPHIC LOG

Devon Energy Production Company Jayhawk 6 CTB 2

#### Photograph No. 1

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** Area of Concern

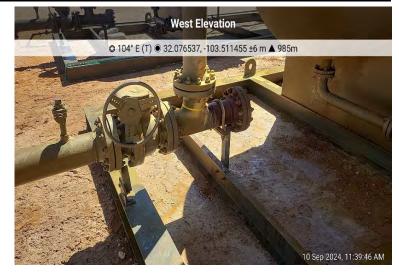


#### Photograph No. 2

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** Area of Concern



#### Photograph No. 3

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** Area of Concern



#### PHOTOGRAPHIC LOG

Devon Energy Production Company Jayhawk 6 CTB 2

Photograph No. 4

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** 

Test Pit Installation



Photograph No. 5

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** 

**Test Pit Installation** 



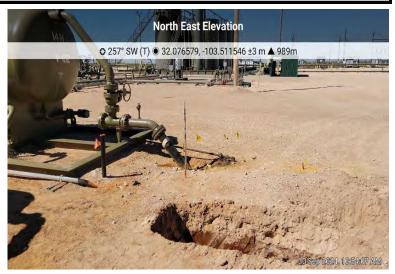
Photograph No. 6

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

Description:

Test Pit Installation



## PHOTOGRAPHIC LOG

Devon Energy Production Company Jayhawk 6 CTB 2

Photograph No. 7

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:**View of Excavation



## Photograph No. 8

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** View of Excavation



## Photograph No. 9

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** View of Excavation



# PHOTOGRAPHIC LOG

Devon Energy Production Company Jayhawk 6 CTB 2

Photograph No. 10

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:**View of Excavation



Photograph No. 11

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** 

View of Deferral Sampling



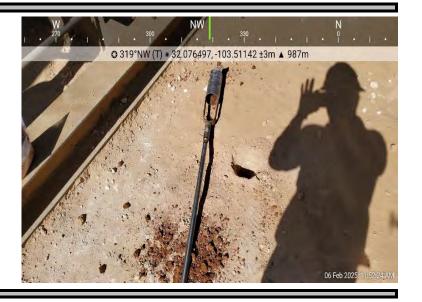
Photograph No. 12

Facility: Jayhawk 6 CTB 2

County: Lea County, New Mexico

**Description:** 

View of Deferral Sampling



Received by OCD: 2/24/2025 10:22:56 AM	Page 39 of 178
LABORATORY DEPORTS AND CHAIN OF CUSTORY DOCUMENTS	
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	



September 13, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: JAYHAWK 6 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 09/10/24 13:36.

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">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

 Received:
 09/10/2024

 Reported:
 09/13/2024

 Project Name:
 JAYHAWK 6 CTB 2

Project Number: NONE GIVEN
Project Location: DEVON LEA CO., NM

Sampling Date: 09/10/2024 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: V - 1 ( 0-6 ) (H245477-01)

BTEX 8021B	mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	09/12/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	1.49	0.100	09/12/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
Ethylbenzene*	1.08	0.100	09/12/2024	ND	2.04	102	2.00	12.4	GC-NC1
Total Xylenes*	19.6	0.300	09/12/2024	ND	6.27	105	6.00	13.4	QM-07
Total BTEX	22.1	0.600	09/12/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	193 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	09/12/2024	ND	400	100	400	7.69	

Cilioride, Si-14300CI-B	ilig	/ kg	Allalyze	и ву. Ст					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	09/12/2024	ND	400	100	400	7.69	
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*	1120	10.0	09/11/2024	ND	202	101	200	3.37	QM-07
DRO >C10-C28*	7600	10.0	09/11/2024	ND	187	93.3	200	5.42	QM-07
EXT DRO >C28-C36	1210	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 179 % 48.2-134 Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Analyzed By: JH

Received: 09/10/2024

09/13/2024

JAYHAWK 6 CTB 2 NONE GIVEN

Project Location: DEVON LEA CO., NM

Sampling Date: 09/10/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: V - 1 (1-1.5) (H245477-02)

Reported:

BTEX 8021B

Project Name:

Project Number:

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	09/12/2024	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	20.5	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Celey D. Keene



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

#### Analytical Results For:

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

Fax To:

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: Sampling Type: Soil 09/13/2024

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: DEVON LEA CO., NM

#### Sample ID: V - 2 (0-6) (H245477-03)

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*	<0.200	0.200	09/12/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	5.03	0.200	09/12/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
Ethylbenzene*	5.62	0.200	09/12/2024	ND	2.04	102	2.00	12.4	GC-NC1
Total Xylenes*	69.2	0.600	09/12/2024	ND	6.27	105	6.00	13.4	
Total BTEX	79.8	1.20	09/12/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	235	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/11/2024	ND	400	100	400	3.92	
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*	5480	100	09/12/2024	ND	202	101	200	3.37	
DRO >C10-C28*	30900	100	09/12/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	4570	100	09/12/2024	ND					
Surrogate: 1-Chlorooctane	376	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	427	% 49.1-14	8						

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Celey D. Keine



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

#### Analytical Results For:

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

Fax To:

Received: 09/10/2024 Sampling Date: 09/10/2024 Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: DEVON LEA CO., NM

#### Sample ID: V - 2 (1-1.5) (H245477-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.12	1.00	09/11/2024	ND	1.88	94.0	2.00	8.05	GC-NC1
Toluene*	21.2	1.00	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
Ethylbenzene*	10.7	1.00	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1
Total Xylenes*	131	3.00	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	164	6.00	09/11/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	139	% 71.5-13	34						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/11/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	7960	100	09/12/2024	ND	202	101	200	3.37	
DRO >C10-C28*	28700	100	09/12/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	4160	100	09/12/2024	ND					
Surrogate: 1-Chlorooctane	378	% 48.2-13	34						
Summagata: 1 Chlamanatadanana	276	0/ 40.1.14	10						

Surrogate: 1-Chlorooctadecane 376 % 49.1-148

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#### Analytical Results For:

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

09/10/2024

Reported: 09/13/2024

Project Name: JAYHAWK 6 CTB 2 Project Number: NONE GIVEN Project Location: DEVON LEA CO., NM Sampling Date: 09/10/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: V - 3 ( 0-6 ) (H245477-05)

Received:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	0.141	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
Ethylbenzene*	0.090	0.050	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1
Total Xylenes*	1.42	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	1.65	0.300	09/11/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	133	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	09/11/2024	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*	102	10.0	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	5360	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	859	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: V - 3 (1-1.5) (H245477-06)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/10/2024 Sampling Date: 09/10/2024
Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: V - 4 (0-6) (H245477-07)

BTEX 8021B

DILX GOZID	mg/ kg		Andryzo	Allulyzed by: 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	16.0	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: V - 4 (1-1.5) (H245477-08)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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#### Analytical Results For:

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

 Received:
 09/10/2024
 Sampling Date:
 09/10/2024

 Reported:
 09/13/2024
 Sampling Type:
 Soil

Reported: 09/13/2024 Sampling Type: Soil
Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez
Project Location: DEVON LEA CO., NM

#### Sample ID: V - 5 ( 0-6 ) (H245477-09)

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	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7730	16.0	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	11.7	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez Project Location: DEVON LEA CO., NM

Sample ID: V - 5 (1-1.5) (H245477-10)

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	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 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	7040	16.0	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	77.3 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

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#### Analytical Results For:

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

09/10/2024

Reported: 09/13/2024

Project Name: JAYHAWK 6 CTB 2
Project Number: NONE GIVEN
Project Location: DEVON LEA CO., NM

Sampling Date: 09/10/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: V - 6 ( 0-6 ) (H245477-11)

Received:

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.52	1.00	09/11/2024	ND	1.88	94.0	2.00	8.05	GC-NC1
Toluene*	60.6	1.00	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
Ethylbenzene*	16.7	1.00	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1
Total Xylenes*	176	3.00	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	261	6.00	09/11/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/11/2024	ND	400	100	400	3.92	
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*	8530	100	09/12/2024	ND	202	101	200	3.37	
DRO >C10-C28*	12600	100	09/12/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	1660	100	09/12/2024	ND					
Surrogate: 1-Chlorooctane	198	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	18						

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#### Analytical Results For:

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

Fax To:

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: DEVON LEA CO., NM

### Sample ID: V - 6 (1-1.5) (H245477-12)

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	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	0.230	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
Ethylbenzene*	0.116	0.050	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1
Total Xylenes*	1.72	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	2.07	0.300	09/11/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-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	09/11/2024	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*	67.8	10.0	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	362	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	46.6	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

09/10/2024

Reported: 09/13/2024

Project Name: JAYHAWK 6 CTB 2
Project Number: NONE GIVEN
Project Location: DEVON LEA CO., NM

Sampling Date: 09/10/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: H - 1 (0-6) (H245477-13)

Received:

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	60.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

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#### Analytical Results For:

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

 Received:
 09/10/2024
 Sampling Date:
 09/10/2024

 Reported:
 09/13/2024
 Sampling Type:
 Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON LEA CO., NM

#### Sample ID: H - 2 (0-6) (H245477-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	35.9	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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09/10/2024

#### Analytical Results For:

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

Sampling Date:

Received: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: H - 3 (0-6) (H245477-15)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-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	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 09/10/2024 Sampling Date: 09/10/2024 Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: DEVON LEA CO., NM

#### Sample ID: H - 4 (0-6) (H245477-16)

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	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	0.099	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	48.0	16.0	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: H - 5 ( 0-6 ) (H245477-17)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/11/2024	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	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Received: 09/10/2024 Reported: 09/13/2024

Project Name: JAYHAWK 6 CTB 2
Project Number: NONE GIVEN
Project Location: DEVON LEA CO., NM

Sampling Date: 09/10/2024 Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: H - 6 ( 0-6 ) (H245477-18)

BTEX 8021B

DIEX GOZID	11197	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
Toluene*	<0.050	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.04	102	2.00	12.4	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	09/11/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	202	101	200	3.37	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	187	93.3	200	5.42	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



Shalyn Rodriguez

C-04

Sample Received By:

#### Analytical Results For:

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

Applyzod By: 14

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil
Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact

Project Location: DEVON LEA CO., NM

NONE GIVEN

#### Sample ID: H - 7 (0-6) (H245477-19)

Project Number:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.35	117	2.00	10.7	
Toluene*	<0.050	0.050	09/11/2024	ND	2.54	127	2.00	10.4	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.69	134	2.00	10.3	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	8.22	137	6.00	11.0	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	149	% 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	5860	16.0	09/11/2024	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	09/11/2024	ND	189	94.3	200	4.58	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	179	89.5	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keens



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

#### Analytical Results For:

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

Received: 09/10/2024

Reported: 09/13/2024

Project Name: JAYHAWK 6 CTB 2 Project Number: NONE GIVEN Project Location: DEVON LEA CO., NM Sampling Date: 09/10/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: H - 8 ( 0-6 ) (H245477-20)

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	09/11/2024	ND	2.35	117	2.00	10.7	
Toluene*	<0.050	0.050	09/11/2024	ND	2.54	127	2.00	10.4	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.69	134	2.00	10.3	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	8.22	137	6.00	11.0	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	150 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	5400	16.0	09/11/2024	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	09/11/2024	ND	189	94.3	200	4.58	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	179	89.5	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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Celey D. Keine

S-04



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

#### Analytical Results For:

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

Received: 09/10/2024 Sampling Date: 09/10/2024
Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: H - 9 (0-6) (H245477-21)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.35	117	2.00	10.7	
Toluene*	<0.050	0.050	09/11/2024	ND	2.54	127	2.00	10.4	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.69	134	2.00	10.3	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	8.22	137	6.00	11.0	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	138	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/11/2024	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	09/11/2024	ND	189	94.3	200	4.58	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	179	89.5	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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Celeg & Freene

S-04



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

#### Analytical Results For:

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

Received: 09/10/2024 Sampling Date: 09/10/2024

Reported: 09/13/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: H - 10 (0-6) (H245477-22)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	2.35	117	2.00	10.7	
Toluene*	<0.050	0.050	09/11/2024	ND	2.54	127	2.00	10.4	
Ethylbenzene*	<0.050	0.050	09/11/2024	ND	2.69	134	2.00	10.3	
Total Xylenes*	<0.150	0.150	09/11/2024	ND	8.22	137	6.00	11.0	
Total BTEX	<0.300	0.300	09/11/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	135	% 71.5-13	4						
Chloride, SM4500CI-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	09/11/2024	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	09/11/2024	ND	189	94.3	200	4.58	
DRO >C10-C28*	<10.0	10.0	09/11/2024	ND	179	89.5	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	09/11/2024	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Celey D. Keine



#### **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.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Received by OCD: 2/24/2025 10:22:56 AM

Company Name:

Page 25 of 27

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

Project Manager:	Ethan Sessums					P.	0. #:	2	4061	79			T											
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Phone #:	Fax #:		_		4	Ac	ddress	:			1					1								
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Project Name:	Jayhawk 6 CTB	2				St	ate:		Zip:		1													
Project Location:						Pi	none #	:			1													-
Sampler Name:	Clayton T. Tu	Nec		K_		Fa	ax #:	_			(			9	)									
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ervice. In no event shall Car offiliates or successors arising Relinquished By	9/0	r by Cardin	nal, rega	ardless of	whether such cla	im is b	ased upon	any of the	above stated o	Verbal R All Result	esult:	□ ' emaile	Yes	Pleas	No e prov			none i						
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BILL TO

Page 26 of 27

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

ompany Name:	N16E		704 7000	- 0		
roject Manager:	Ethan Sessum	5	P.O. #: 214061			
dress: , Z	09 West McKay	St	Company: Devo	n		
y: Corlsb		NM zip: 88270	Attn:		1 4 1	
	Fax #:		Address:			
one #:	1	Owner: Pevon	City:			
oject#: \			State: Zip:			
oject Name:	Jayhawk 6 C		Phone #:			
roject Location:	Nea Count		Fax #:		18	
ampler Name:	Clayton 1,	Tyler K	04440	LING	3	
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EASE NOTE: Liability and	Damages, Cardinal's liability and client's exclusive	we remedy for any claim arising whether based I	contract or tort, shall be limited to the amount pr	aid by the client for the fter completion of the applicable		
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Relinquished By	d ont of ot terated to me benothighter or parties	Deschard Dur	Cit claim to based upon any or	Verbal Result:	Yes No Addiled. Please provide Em	1 Phone #: ail address:
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Sampler - UPS -	bus - Other.	Cardinal cannot accept ve	No. OV.			

Received by OCD: 2/24/2025 10:22:56 AM

Page 27 of 27

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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October 04, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: JAYHAWK 6 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 09/30/24 13:43.

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">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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)

Celey D. Keine

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. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Fax

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: TP - 1 1' (H245921-01)

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	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	0.210	0.050	10/01/2024	ND	2.26	113	2.00	3.20	GC-NC1
Ethylbenzene*	0.293	0.050	10/01/2024	ND	2.49	125	2.00	6.32	GC-NC1
Total Xylenes*	4.65	0.150	10/01/2024	ND	7.62	127	6.00	7.78	GC-NC1
Total BTEX	5.15	0.300	10/01/2024	ND					GC-NC1
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	1840	16.0	10/01/2024	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*	163	10.0	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	2170	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	432	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 - 2ND SPILL Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: TP - 1 2' (H245921-02)

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	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/01/2024	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	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	63.4	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	28.2	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

mg/kg

#### Sample ID: TP - 1 3' (H245921-03)

BTEX 8021B

	٠,			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/01/2024	ND	432	108	400	7.14	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	15.5	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: TP - 2 1' (H245921-04)

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	10/02/2024	ND	2.06	103	2.00	2.66	
Toluene*	0.624	0.050	10/02/2024	ND	2.26	113	2.00	3.20	GC-NC1
Ethylbenzene*	0.702	0.050	10/02/2024	ND	2.49	125	2.00	6.32	GC-NC1
Total Xylenes*	10.4	0.150	10/02/2024	ND	7.62	127	6.00	7.78	GC-NC1
Total BTEX	11.7	0.300	10/02/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	134 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	10/01/2024	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*	411	10.0	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	4500	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	973	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	122 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: TP - 2 2' (H245921-05)

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	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	0.300	0.150	10/01/2024	ND	7.62	127	6.00	7.78	GC-NC1
Total BTEX	0.300	0.300	10/01/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-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	10/01/2024	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*	31.9	10.0	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	372	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	117	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 - 2ND SPILL Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: TP - 2 3' (H245921-06)

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	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	6 71.5-13	4						
Chloride, SM4500CI-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	10/01/2024	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*	19.4	10.0	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	241	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	45.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/30/2024 Reported: 10/04/2024

Project Name: JAYHAWK 6 CTB 2 Project Number: 248769 - 2ND SPILL Project Location: DEVON LEA CO., NM

Sampling Date: 09/30/2024

Sampling Type:

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Soil

Sample ID: TP - 3 1' (H245921-07)

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	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	10/01/2024	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	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 49.1-14	8						

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Celeg D. Freene

S-04



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

### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

mg/kg

#### Sample ID: TP - 3 2' (H245921-08)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	0.156	0.050	10/01/2024	ND	2.26	113	2.00	3.20	GC-NC1
Ethylbenzene*	0.176	0.050	10/01/2024	ND	2.49	125	2.00	6.32	GC-NC1
Total Xylenes*	2.59	0.150	10/01/2024	ND	7.62	127	6.00	7.78	GC-NC1
Total BTEX	2.92	0.300	10/01/2024	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	149	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	10/01/2024	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*	201	10.0	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	2470	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	553	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil Project Name: JAYHAWK 6 CTB 2 Sampling Condition:

Cool & Intact Sample Received By: Project Number: 248769 - 2ND SPILL Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: TP - 3 3' (H245921-09)

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	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	71.5-13	4						
Chloride, SM4500CI-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	10/01/2024	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	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	54.4	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	31.3	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

mg/kg

#### Sample ID: TP - 4 1' (H245921-10)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	10/01/2024	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	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax

mg/kg

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: TP - 4 2' (H245921-11)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	10/01/2024	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	10/01/2024	ND	206	103	200	0.00581	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	197	98.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

mg/kg

#### Sample ID: TP - 4 3' (H245921-12)

BTEX 8021B

	٠,			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/01/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	179	89.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	179	89.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: H 6 - A 0-6" (H245921-13)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	< 0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/01/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	179	89.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	179	89.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	68.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: H 7 - A 0-6" (H245921-14)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-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	10/01/2024	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	10/01/2024	ND	179	89.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	179	89.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	64.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.7	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 09/30/2024 Sampling Date: 09/30/2024

Reported: 10/04/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 - 2ND SPILL Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

#### Sample ID: H 8 - A 0-6" (H245921-15)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	ND	2.06	103	2.00	2.66	
Toluene*	<0.050	0.050	10/01/2024	ND	2.26	113	2.00	3.20	
Ethylbenzene*	<0.050	0.050	10/01/2024	ND	2.49	125	2.00	6.32	
Total Xylenes*	<0.150	0.150	10/01/2024	ND	7.62	127	6.00	7.78	
Total BTEX	<0.300	0.300	10/01/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-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	10/01/2024	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	10/01/2024	ND	179	89.6	200	2.52	
DRO >C10-C28*	<10.0	10.0	10/01/2024	ND	179	89.6	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	10/01/2024	ND					
Surrogate: 1-Chlorooctane	59.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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Celey D. Keene

S-04



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

#### **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.
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

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

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Insufficient time to reach temperature.

Samples not received at proper temperature of 6°C or below.

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

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name: NT6	E						9		B	ILL T	9			-		444	ALVO					
Project Manager: E+	nan Sessum	5					P.	0. #:		1352		-	T	-		AN	ALYS	SIS R	EQUE	ST		
Address: 209 Wo	est McKay S state N	+							any:	Der		$\dashv$					3					
city: Carlsbad	State: NI	N Zi	p: 8	387	70	)	Att		arry.	DEI	ON	1	1				1					
none #:	Fax #:		75	-				dres				1			1							
Project #: 248769	Project Own	er:	De	01/1	200		Cit					-				1.5						
Project Name: Jay ha	WK 6 CTB	7		20	4 5	0:11	Sta			Zip:		1										
Project Location: Dec	County					1.1		one	#.	Zip:		-			-							
ampler Name: Clou	tonT							(#:	#.	-	-	-										
FOR LAB USE ONLY	,	T	П		MATE	RIX	_		SERV	SA	MPLING	4 9										
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Lab I.D. San	76.52	(C)OMP	ERS	GROUNDWATER								14	-	-	B							
Sar	nple I.D.	O.R	Ž	WAT WAT		in		SE	J			11	10	-	101							
245921		(G)RAB	# CONTAINERS	GROUNDWATE	_	SLUDGE	#	D/BA	OTHER:			a	1	0	7							
TP-		(9)	#	S &	SOIL,	SLL	5	ACI	OT TO	DATE			,		٦		١.					
a TP-		0	U	-	X					9 30			1	1								-
3 TP-1		11	Ш	-	1	-	$\perp$			1												
4 TP-7	11	$\parallel$	Н	+	-	+	-1	-	$\perp$													
5 TP-2	2,	₩	$\mathbb{H}$	+	+	+	-	-	+	-												
6 TP-Z	3'	Ш	+				+	+	+	-												
7 TP-3	1,	Ш	#				1	+	+	-			-	-	-	-						
8 TP-3	2'		H				$\perp$			1.		+	+	+	-	-	-	-				
9 TP-3	3'					П	1					+	+	1	+	-		-				
ISE NOTE: Lishilly and Drawn	1,	V	V		V			T		V		1	V	V	-	-	-	-	-			
SE NOTE: Liability and Damages. Cardinal's liat ses. All claims including those for negligence and e. In no event shall Cardinal be liable for incident	nity and client's exclusive remedy for a dany other cause whatsoever shall be	ny claim deemed	arising waived o	whether b	ased in o	ontract o	r fort, st	all be i	imited to	the amount pa	id by the client for	the		Y								
es or successors ansing out of or related to the or	erformance of services hereunder by C	without ardinal, r	irritation egardle	n, busines	s interrup	ptions, los	ss of us	e, or los	ss of prof	fits incurred by	or completion of the client, its subsidiari	ie applicabl ies,	е							*		
Inquished By:	9/30	Rec	eive	d By:			-8900	upon ar	y or me	above stated re	Verbal Res	sult:	□ Yes		No	Add'l F	Phone #	н-				
1/1/2/	7. Time: 1:39	1	15	n							All Results	are em	ailed. F	Pleas	e provid	e Email	addres	ss:				
inquished By:	Date: 9-30-34	Rec	eive	d By:		(1)					REMARKS											
	7.60.04 Time:										REMARKS	•									72	-

Date: 4/30  Time:39  Received By:	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
Date: Received By:	REMARKS:
Delivered By: (Circle One)  Observed Temp. °C  Cool Intact (Initials)  FORM-000 R 3-3-06/03/24  Observed Temp. °C  Cool Intact (Initials)  No No	Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Precion Factor -0.6°C No No Corrected Temp. °C

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

Page 19 of 19



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name:	(575) 393-2326 FAX (			BILL TO	2	_	_	_						
Project Manager	Ethan Ses 59 West McK bad s	SUMS				-				ANALY	SIS RE	QUES	Γ	
Address: 20	29 West McK	al St		6100		1			2					
city: Cac	spad s	tate: NM zi	n. 88770	Attn:	100	1 1								
				Address:			ab		- 1					
roject#: 2	18769 Pro	piect Owner:	DOVOID			!!								
roject Name:	Jayhawk 6	CTR 2	70015:11	City:			- 1			-		1 1		
roject Location:	Jen Con	INTO C	Cha Spill	State: Zip:				- 1				1 1		
ampler Name:	Chulton	way		Phone #:		2	-	Le				1 . 1		
FOR LAB USE ONLY	()		MATRIX	Fax #: PRESERV. SA	MPLING	(i)		70	- 1					
		M M	~		III LING	H	T	0					- 1	
1-1-1-	41.000	(C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL			8	2	3	- 1		1			
Lab I.D.	Sample I.D.	S.	AINE WAT	O SE			1-1	0	- 1					
4.1.000		(G)RAB	# CONTAINERS GROUNDWATE WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTTIER:										
245921	TD //	0	# CO GRO WAS SOIL OIL SLUD	ACID/BA ICE / CO OT :ER	TIME									
12	10-4	6	, X	9/30			4						-	
13	TP-4 3	5				1								
14	TP-4 3 TP-4 3 H6-A 0 H7-A 0	1-6												
15	HQ-A C	1-6"V	V		-	1/	1/	1/						
	110 -			V	-	.0	V	V	-					
						-	-		-		1			
-						-	+	-	-	-		-		
						-	-	-	+		-			
SE NOTE: Liability and Du	Manage Conference Edition					1	-	+	+	-				
ses. All claims including the	mages. Cardinal's liability and client's exclusions for negligence and any other cause what all be liable for incidental or consequental dar	ve remedy for any claim soever shall be deemed	arising whether based in contract of waived unless made in writing and	or tort, shall be limited to the amount pa	d by the client for the	9								
es or successors arising out	t of or related to the performance of services	hereunder by Cardinal, a	egardless of whether such claim is	oss of use, or loss of profits incurred by a based upon any of the above stated or	lient, its subsidiaries,	applicable i,								
/////	7/	9/30 Rec	eived By:	January Market II	Verbal Results ar	lt: 🗆	Yes	□ No	A	dd'I Phone	#:			

Time: // 30 Received By:		Yes No Addition No	d'I Phone #: nail address:
Rediriquished By:  Date:  Time:  Delivered By: (Circle Co.)	REMARKS:		7.
Observed Temp. °C 3 Samp Cool Sampler - UPS - Bus - Other:  Corrected Temp. °C □ Y	Condition CHECKED BY: Turnaround Time:  Yes No Thermometer ID #140 Correction Factor -0,6*	Standard Rush	Bacteria (only) Sample Condition  Cool Intact Observed Temp. °C  Yes Yes  No No Corrected Temp. °C

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



November 05, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: JAYHAWK 6 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 10/30/24 12:16.

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">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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)

Celey D. Keene

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. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 10/30/2024
Reported: 11/05/2024
Project Name: JAYHAWK 6 CTB 2

Project Name: JAYHAWK 6 CTB 2
Project Number: 248769 ( 2ND SPILL )
Project Location: DEVON LEA CO., NM

Sampling Date: 10/30/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: TP - 2 4' (H246613-01)

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	11/03/2024	ND	2.05	103	2.00	3.96	
Toluene*	<0.050	0.050	11/03/2024	ND	1.95	97.6	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/03/2024	ND	2.00	99.8	2.00	0.175	
Total Xylenes*	<0.150	0.150	11/03/2024	ND	5.89	98.2	6.00	1.12	
Total BTEX	<0.300	0.300	11/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-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	11/01/2024	ND	416	104	400	3.77	
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	11/01/2024	ND	197	98.6	200	2.23	
DRO >C10-C28*	98.2	10.0	11/01/2024	ND	177	88.4	200	4.35	
EXT DRO >C28-C36	18.3	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

ma/ka

Received: 10/30/2024 Sampling Date: 10/30/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 ( 2ND SPILL ) Sample Received By: Shalyn Rodriguez
Project Location: DEVON LEA CO., NM

Applyzod By: 14

Sample ID: TP - 2 5' (H246613-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2024	ND	2.05	103	2.00	3.96	
Toluene*	<0.050	0.050	11/03/2024	ND	1.95	97.6	2.00	1.29	
Ethylbenzene*	<0.050	0.050	11/03/2024	ND	2.00	99.8	2.00	0.175	
Total Xylenes*	<0.150	0.150	11/03/2024	ND	5.89	98.2	6.00	1.12	
Total BTEX	<0.300	0.300	11/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/01/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	197	98.6	200	2.23	
DRO >C10-C28*	<10.0	10.0	11/01/2024	ND	177	88.4	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	11/01/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Page 5 of 5



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: NTGE		BILL TO	ANALYSIS REQUEST	
Project Manager: Ethan Sessums	P.O. #	#: 21406728		
Address: 209 Moral Maria	Comp	pany: Devon		
City: Carls Lood State: JUM Zip: 88	770 Attn:			
Phone #: Fax #:	Addre	ress:		
Project #: 748769 Project Owner:	City:		<u> </u>	
	and Spill State:	e: Zip:		
Project Location: Lea County Sampler Name: Clayfou	Phone	ne #:		
Sampler Name: Claytou	Fax #	#: PRESERV. SAMPLING	2 2	
FOR LAB USE ONLY	MATRIX PR	RESERV. SAMPLING		
C)OMF	<u>«</u>	/ .	77.3	
(6) RAB OR (C) OI HEATH (C) HEATH (C) HEATH (C) OI HEATH	WASTEWATER SOIL OIL SLUDGE OTHER:	OF SE	2014	
ONT.	WASTEW, SOIL OIL SLUDGE OTHER: ACID/BAS	MIT TAME TIME	144	
	WASTEWAT SOIL OIL SLUDGE OTHER:	DATE TIME	9	
1 14-5 4 61	X	10/30		
2 TP-Z 5' 61	^	10/30		
				+
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising when	ther based in contract or fort, sha	hall be limited to the amount paid by the client for the	rthe	

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 the client for the 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 service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutes of services because of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

affiliates or successors arising out of at related to the perform	Date: Receiv	less of whether such claim is bas ed By:	ed upon any of the above stated	reasons or otherwise.  Verbal Result: ☐ Ye	es 🗆 No	Add'	Phone #:
the les	Time: 12 = 16 8	Rodrig	nieg	All Results are emailed.	Please provi	de Ema	il address:
Relinquished By:	Date: Receive	ed By:	0	REMARKS:			
	Time:						
	Observed Temp. °C (. 8:	Sample Condition Cool Intact	CHECKED BY:	Turnaround Time:	Standard Rush	P	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C (, 2)	Yes Yes	SK	Thermometer ID #140 Correction Factor -0.6°C			☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C



January 27, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: JAYHAWK 6 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 01/21/25 13:00.

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">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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)

Celey D. Keine

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. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025 Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 1 (H250350-01)

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	01/23/2025	ND	1.77	88.7	2.00	1.18	
Toluene*	<0.050	0.050	01/23/2025	ND	1.81	90.6	2.00	1.28	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	1.92	95.8	2.00	1.31	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	5.65	94.1	6.00	1.35	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/24/2025	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	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	15.8	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Reported: 01/27/2025

Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Project Location: DEVON LEA CO., NM

Sampling Date: 01/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

#### Sample ID: CS - 2 (H250350-02)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	QM-07
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	QM-07
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/24/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	38.5	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Applyzod By: 14

Fax To:

Received: 01/21/2025

ma/ka

Reported: 01/27/2025 Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Project Location: DEVON LEA CO., NM

Sampling Date: 01/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 3 (H250350-03)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/24/2025	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	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	46.2	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: CS - 4 (H250350-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	01/24/2025	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	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	866	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	139	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celeg D. Freene



#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 5 (H250350-05)

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	01/24/2025	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	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	117	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	14.5	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: CS - 6 (H250350-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	01/24/2025	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	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	185	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	17.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: CS - 7 (H250350-07)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	01/24/2025	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	31.4	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 01/21/2025 Reported: 01/27/2025

Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Project Location: DEVON LEA CO., NM Sampling Date: 01/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

#### Sample ID: CS - 8 (H250350-08)

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 9 (H250350-09)

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	0.055	0.050	01/24/2025	ND	2.46	123	2.00	2.04	GC-NC1
Total Xylenes*	0.797	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	0.852	0.300	01/24/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	131 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	01/24/2025	ND	400	100	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*	80.4	10.0	01/23/2025	ND	188	93.9	200	9.13	
DRO >C10-C28*	8390	10.0	01/23/2025	ND	182	90.9	200	10.3	
EXT DRO >C28-C36	1190	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	115 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	185	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 10 (H250350-10)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	0.901	0.050	01/24/2025	ND	2.27	113	2.00	2.13	GC-NC1
Ethylbenzene*	0.881	0.050	01/24/2025	ND	2.46	123	2.00	2.04	GC-NC1
Total Xylenes*	15.0	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	16.8	0.300	01/24/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	291	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	01/24/2025	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1060	100	01/24/2025	ND	220	110	200	2.10	QM-07, QR-03
DRO >C10-C28*	36800	100	01/24/2025	ND	197	98.3	200	3.93	QM-07
EXT DRO >C28-C36	6450	100	01/24/2025	ND					
Surrogate: 1-Chlorooctane	367	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	675	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: Sample Received By: 248769 Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 11 (H250350-11)

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	0.335	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	0.335	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	145 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/24/2025	ND	400	100	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*	154	50.0	01/24/2025	ND	220	110	200	2.10	S-06
DD0 : 610 620*	16000	50.0	01/24/2025	ND	197	98.3	200	3.93	S-06
DRO >C10-C28*									S-06

Surrogate: 1-Chlorooctadecane 300 % 49.1-148

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#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 12 (H250350-12)

EX 8021B	mg/kg		Analyzed By: JH					S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41		
Toluene*	0.063	0.050	01/24/2025	ND	2.27	113	2.00	2.13	GC-NC1	
Ethylbenzene*	0.213	0.050	01/24/2025	ND	2.46	123	2.00	2.04	GC-NC1	
Total Xylenes*	3.55	0.150	01/24/2025	ND	7.57	126	6.00	2.04		
Total BTEX	3.82	0.300	01/24/2025	ND					GC-NC1	
Surrogate: 4-Bromofluorobenzene (PID	170	% 71.5-13	4							
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: KV							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8160	16.0	01/24/2025	ND	400	100	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*	361	100	01/24/2025	ND	220	110	200	2.10	S-06	
DRO >C10-C28*	21500	100	01/24/2025	ND	197	98.3	200	3.93	S-06	
	3670	100	01/24/2025	ND					S-06	

Surrogate: 1-Chlorooctadecane 150 % 46.2-134
Surrogate: 1-Chlorooctadecane 367 % 49.1-148

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 13 (H250350-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5320	16.0	01/24/2025	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	2470	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	514	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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#### Analytical Results For:

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

ma/ka

Received: 01/21/2025 Sampling Date: 01/21/2025 Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact

Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 14 (H250350-14)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	1360	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	288	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: CS - 15 (H250350-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	01/24/2025	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	286	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	63.7	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 16 (H250350-16)

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	625	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	158	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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### Analytical Results For:

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

Received: 01/21/2025

Reported: 01/27/2025

Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Project Location: DEVON LEA CO., NM

Sampling Date: 01/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

#### Sample ID: CS - 17 (H250350-17)

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	87.5	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	16.2	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	18						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 18 (H250350-18)

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21400	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	81.2	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	14.2	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: CS - 19 (H250350-19)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	623	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	156	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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01/21/2025

#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date:

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: CS - 20 (H250350-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18000	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	101	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	21.3	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

01/21/2025

Reported: 01/27/2025

Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Project Location: DEVON LEA CO., NM

Sampling Date: 01/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

#### Sample ID: CS - 21 (H250350-21)

Received:

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	01/24/2025	ND	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.46	123	2.00	2.04	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32800	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	21.7	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.6	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Kreine



#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: CS - 22 (H250350-22)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/23/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	41600	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	66.2	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	10.2	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

01/21/2025 Sampling Date: 01/21/2025 Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 23 (H250350-23)

Received:

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/23/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36400	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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01/21/2025

#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date:

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: CS - 24 (H250350-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/23/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/23/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/23/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/23/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	52400	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	211	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	52.9	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: SW - 1 (H250350-25)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	47.4	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: SW - 2 (H250350-26)

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	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2025	ND	400	100	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: SW - 3 (H250350-27)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	< 0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/24/2025	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	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	132	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	12.9	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: SW - 4 (H250350-28)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/24/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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01/21/2025

#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date:

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: SW - 5 (H250350-29)

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	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	01/24/2025	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*	29.7	10.0	01/23/2025	ND	220	110	200	2.10	
DRO >C10-C28*	1840	10.0	01/23/2025	ND	197	98.3	200	3.93	
EXT DRO >C28-C36	314	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	18						

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Sample Received By:

01/21/2025

Alyssa Parras

#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date:

Reported: 01/27/2025 Sampling Type: Soil
Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact

Project Number: 248769

Project Location: DEVON LEA CO., NM

#### Sample ID: SW - 6 (H250350-30)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	01/24/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	199	99.5	200	2.72	
DRO >C10-C28*	283	10.0	01/23/2025	ND	193	96.7	200	0.639	
EXT DRO >C28-C36	44.4	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

mg/kg

#### Sample ID: SW - 7 (H250350-31)

BTEX 8021B

DILX GOZID	iiig/	, kg	Alldiyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/24/2025	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	01/23/2025	ND	199	99.5	200	2.72	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	193	96.7	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Tux

01/21/2025

mg/kg

Reported: 01/27/2025

Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Project Location: DEVON LEA CO., NM

Sampling Date: 01/21/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

#### Sample ID: SW - 8 (H250350-32)

Received:

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	01/24/2025	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	01/23/2025	ND	199	99.5	200	2.72	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	193	96.7	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

ma/ka

#### Sample ID: SW - 9 (H250350-33)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	01/24/2025	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	01/23/2025	ND	199	99.5	200	2.72	
DRO >C10-C28*	13.7	10.0	01/23/2025	ND	193	96.7	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

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Celeg D. Freene



#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: SW - 10 (H250350-34)

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	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	01/24/2025	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	01/23/2025	ND	199	99.5	200	2.72	
DRO >C10-C28*	<10.0	10.0	01/23/2025	ND	193	96.7	200	0.639	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/27/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: DEVON LEA CO., NM

mg/kg

#### Sample ID: SW - 11 (H250350-35)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Alldiyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.03	101	2.00	13.8	
Toluene*	<0.050	0.050	01/24/2025	ND	2.04	102	2.00	13.8	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.10	105	2.00	14.4	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.37	106	6.00	15.0	
Total BTEX	<0.300	0.300	01/24/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/24/2025	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	01/23/2025	ND	201	101	200	0.943	
DRO >C10-C28*	66.6	10.0	01/23/2025	ND	204	102	200	0.171	
EXT DRO >C28-C36	<10.0	10.0	01/23/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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Celey D. Keene



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

#### **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-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Company Name:



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Page 38 of 41

Released to Imaging: 6/5/2025 8:12:06 AM

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

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Company Name:

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Page 39 of 41

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Ethan Sessums

West McKay

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P.O. #:

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Page 40 of 41

Released to Imaging: 6/5/2025 8:12:06 AM

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

Company Name:	NTGE						- 3	800	150				200	199	_		-	_	_	T				$\overline{}$				$\neg$	
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 41 of 41

Released to Imaging: 6/5/2025 8:12:06 AM

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

	2326 FAX (5/5) 353-24		BILL TO			Al	IALYSIS REC	QUEST
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oject Manager: Eth	an Sessums	C 1	Company: Device					
idress: 209	West McKau State: NM	1877N	Attn:					
		Zip: 00220	Address:		1 1		444	
hone #:	Fax #:	Ωουσο	City:					
roject#: 24876°	Project Owner	Devon	State: Zip:				1 1 1	
roject Name: Jay	Hawk 6 CT	B C	Phone #:	-				
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ampler Name:	auton T.	MATRIX	PRESERV. SAMP	LING	V I		1 1	
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LEASE NOTE: Liability and Damages. Cardin nalyses, All claims including those for negliger	al's liability and client's exclusive remedy for a	any claim arising whether based in con	ntract or tort, shall be limited to the amount pa ng and received by Cardinal within 30 days aft	id by the client for t er completion of the	the e applicable			
nalyses. All claims including those for negligate orvice. In no event shall Cardinal be lijable for in filliates or successors arising out of or related in	ncidental or consequental damages, including	g without limitation, business interrupt Cardinal, regardless of whether such	ions, loss of use, or loss of profits incurred by claim is based upon any of the above stated n	client, its subsidian easons or otherwise	ies, e.	E No. 14	dd'I Phone #:	
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February 11, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: JAYHAWK 6 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 02/06/25 15:01.

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">www.tceq.texas.gov/field/ga/lab</a> accredited certif.html.

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)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: JAYHAWK 6 CTB 2

Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 4	H250741-01	Soil	06-Feb-25 00:00	06-Feb-25 15:01
CS - 5	H250741-02	Soil	06-Feb-25 00:00	06-Feb-25 15:01
CS - 6	H250741-03	Soil	06-Feb-25 00:00	06-Feb-25 15:01
CS - 8	H250741-04	Soil	06-Feb-25 00:00	06-Feb-25 15:01
CS - 25	H250741-05	Soil	06-Feb-25 00:00	06-Feb-25 15:01
SW - 3A	H250741-06	Soil	06-Feb-25 00:00	06-Feb-25 15:01
SW - 5A	H250741-07	Soil	06-Feb-25 00:00	06-Feb-25 15:01
SW - 8A	H250741-08	Soil	06-Feb-25 00:00	06-Feb-25 15:01
SW - 12	H250741-09	Soil	06-Feb-25 00:00	06-Feb-25 15:01
SW - 13	H250741-10	Soil	06-Feb-25 00:00	06-Feb-25 15:01
SW - 14	H250741-11	Soil	06-Feb-25 00:00	06-Feb-25 15:01
SW - 15	H250741-12	Soil	06-Feb-25 00:00	06-Feb-25 15:01

02/11/25 - Client changed the sample IDs for -06, -07 and -08 (see COC). This is the revised report and will replace the one sent earlier today, 02/11/25.

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

### CS - 4 H250741-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			93.9 %	71.5	-134	5020701	JH	07-Feb-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			99.8 %	48.2	-134	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			115 %	49.1	-148	5020642	MS	07-Feb-25	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

CS - 5 H250741-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		92.9 %	71.5	-134	5020701	ЈН	07-Feb-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			121 %	49.1	-148	5020642	MS	07-Feb-25	8015B	

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Reported:

11-Feb-25 15:47



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

#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

CS - 6 H250741-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	НМ	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JН	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			94.4 %	71.5	-134	5020701	JH	07-Feb-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	5020642	MS	07-Feb-25	8015B	

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Reported:

11-Feb-25 15:47



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

#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

CS - 8 H250741-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	5020736	НМ	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JН	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	))		94.5 %	71.5	-134	5020701	JH	07-Feb-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			110 %	48.2	-134	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			123 %	49.1	-148	5020642	MS	07-Feb-25	8015B	

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Celey D. Keene



#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2
Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

## CS - 25 H250741-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JН	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		94.2 %	71.5	-134	5020701	ЈН	07-Feb-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			119 %	49.1	-148	5020642	MS	07-Feb-25	8015B	

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Celey D. Keine



### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

## SW - 3A H250741-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		93.3 %	71.5	-134	5020701	JH	07-Feb-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	5020642	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	5020642	MS	07-Feb-25	8015B	

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#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

SW - 5A H250741-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	ЈН	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JН	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		93.0 %	71.5	-134	5020701	ЈН	07-Feb-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			90.1 %	48.2	-134	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			88.5 %	49.1	-148	5020713	MS	07-Feb-25	8015B	

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Celey D. Keene



#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

## SW - 8A H250741-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID	))		94.2 %	71.5	-134	5020701	JH	07-Feb-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			90.0 %	48.2	-134	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			92.0 %	49.1	-148	5020713	MS	07-Feb-25	8015B	

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### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

### SW - 12 H250741-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		93.5 %	71.5	-134	5020701	ЈН	07-Feb-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	5020713	MS	07-Feb-25	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

SW - 13 H250741-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds by 1	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			94.5 %	71.5	-134	5020701	ЈН	07-Feb-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			99.1 %	48.2	-134	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			97.6 %	49.1	-148	5020713	MS	07-Feb-25	8015B	

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### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2
Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

SW - 14 H250741-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JН	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		94.7 %	71.5	-134	5020701	JH	07-Feb-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			92.1 %	48.2	-134	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			92.4 %	49.1	-148	5020713	MS	07-Feb-25	8015B	

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#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2 Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

SW - 15 H250741-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5020701	JН	07-Feb-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5020701	JH	07-Feb-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			93.8 %	71.5	-134	5020701	JH	07-Feb-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctane			95.8 %	48.2	-134	5020713	MS	07-Feb-25	8015B	
Surrogate: 1-Chlorooctadecane			95.2 %	49.1	-148	5020713	MS	07-Feb-25	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2
Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

#### **Inorganic Compounds - Quality Control**

#### **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5020736 - 1:4 DI Water										
Blank (5020736-BLK1)				Prepared &	z Analyzed:	07-Feb-25				
Chloride	ND	16.0	mg/kg							
LCS (5020736-BS1)				Prepared &	Analyzed:	07-Feb-25				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (5020736-BSD1)				Prepared &	Analyzed:	07-Feb-25				
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	

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%REC

Limits

82.8-130

86-128

85.9-128

89-129

86.1-125

88.2-128

71.5-134

97.1

91.6

89.2

89.8

89.4

90.5

RPD

### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Analyte

Benzene

Toluene

Ethylbenzene

Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

m,p-Xylene

o-Xylene

Project: JAYHAWK 6 CTB 2

Project Number: 248769

Project Manager: ETHAN SESSUMS

Spike

Level

Source

Result

%REC

Fax To:

Reported: 11-Feb-25 15:47

RPD

Limit

15.8

15.9

16

16.2

16.7

16.3

4.48

5.39

5.57

5.81

5.65

Notes

#### Volatile Organic Compounds by EPA Method 8021 - Quality Control

#### **Cardinal Laboratories**

Units

Reporting

Limit

0.050

0.050

0.050

0.100

0.050

0.150

Result

1.85

1.94

1.83

3.57

1.80

5.36

0.0453

Blank (5020701-BLK1)				Prepared & Analy	yzed: 07-Feb-25		
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	92.7	71.5-134	
LCS (5020701-BS1)				Prepared & Analy	yzed: 07-Feb-25		
Benzene	1.94	0.050	mg/kg	2.00	97.2	82.8-130	
Toluene	2.03	0.050	mg/kg	2.00	102	86-128	
Ethylbenzene	1.93	0.050	mg/kg	2.00	96.7	85.9-128	
m,p-Xylene	3.77	0.100	mg/kg	4.00	94.3	89-129	
o-Xylene	1.90	0.050	mg/kg	2.00	95.2	86.1-125	
Total Xylenes	5.68	0.150	mg/kg	6.00	94.6	88.2-128	
Surrogate: 4-Bromofluorobenzene (PID)	0.0456		mg/kg	0.0500	91.2	71.5-134	
LCS Dup (5020701-BSD1)				Prepared & Analy	vzed: 07_Feh_25		

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

2.00

2.00

4.00

2.00

6.00

0.0500

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: JAYHAWK 6 CTB 2

Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

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

#### **Cardinal Laboratories**

Auglida	Dagult	Reporting	I Imita	Spike Level	Source	%REC	%REC	DDD	RPD Limit	Note-
Analyte	Result	Limit	Units	Level	Result	%KEC	Limits	RPD	Limit	Notes
Batch 5020642 - General Prep - Organics										
Blank (5020642-BLK1)				Prepared: (	)6-Feb-25 A	nalyzed: 1	0-Feb-25			
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	55.4		mg/kg	50.0		111	48.2-134			
Surrogate: 1-Chlorooctadecane	58.0		mg/kg	50.0		116	49.1-148			
LCS (5020642-BS1)				Prepared: (	)6-Feb-25 A	nalyzed: 1	0-Feb-25			
GRO C6-C10	213	10.0	mg/kg	200		107	81.5-123			
DRO >C10-C28	219	10.0	mg/kg	200		109	77.7-122			
Total TPH C6-C28	432	10.0	mg/kg	400		108	80.9-121			
Surrogate: 1-Chlorooctane	60.5		mg/kg	50.0		121	48.2-134			
Surrogate: 1-Chlorooctadecane	64.3		mg/kg	50.0		129	49.1-148			
LCS Dup (5020642-BSD1)				Prepared: (	)6-Feb-25 A	analyzed: 0	7-Feb-25			
GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123	1.63	13	
DRO >C10-C28	211	10.0	mg/kg	200		106	77.7-122	3.58	15.6	
Total TPH C6-C28	421	10.0	mg/kg	400		105	80.9-121	2.61	18.5	
Surrogate: 1-Chlorooctane	63.3		mg/kg	50.0		127	48.2-134			
Surrogate: 1-Chlorooctadecane	73.4		mg/kg	50.0		147	49.1-148			
Batch 5020713 - General Prep - Organics										
Blank (5020713-BLK1)				Prepared &	Analyzed:	07-Feb-25				
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	55.0		mg/kg	50.0		110	48.2-134			

#### Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

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mg/kg

50.0

109

49.1-148

54.6

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

#### Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Analyte

Project: JAYHAWK 6 CTB 2

Spike

Level

Source

Result

%REC

Project Number: 248769

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 11-Feb-25 15:47

RPD

Limit

Notes

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

#### **Cardinal Laboratories**

Units

Reporting

Limit

Result

Batch 5020713 - General Prep - Org	anics									
LCS (5020713-BS1)				Prepared &	Analyzed: (	)7-Feb-25	5			
GRO C6-C10	210	10.0	mg/kg	200		105	81.5-123			
DRO >C10-C28	212	10.0	mg/kg	200		106	77.7-122			
Total TPH C6-C28	421	10.0	mg/kg	400		105	80.9-121			
Surrogate: 1-Chlorooctane	53.6		mg/kg	50.0		107	48.2-134			
Surrogate: I-Chlorooctadecane	51.7		mg/kg	50.0		103	49.1-148			
LCS Dup (5020713-BSD1)				Prepared &	Analyzed: (	)7-Feb-25	5			
GRO C6-C10	202	10.0	mg/kg	200		101	81.5-123	3.53	13	
DRO >C10-C28	203	10.0	mg/kg	200		102	77.7-122	4.09	15.6	
Total TPH C6-C28	406	10.0	mg/kg	400		101	80.9-121	3.81	18.5	
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0		110	48.2-134			
Surrogate: 1-Chlorooctadecane	52.8		mg/kg	50.0		106	49.1-148			

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

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Celey D. Keene

Project Manager: Ethan Sessums

Company Name: NTG Environmental

## Chain of Custody

Jim Raley

Wo	ork Order I	No: 1350741 Page1 of2
	Work Orde	er Comments
state of Project:	PR Level	Brownfie s R() Supe s  PST/U() TR() L()  DaP10 Other:
EST		Preservative Codes
	НОГР	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
		Sample Comments

Tompany Hame.	IN I G ETIVITOR	imental			Comp	any Nam	e.	Dev	/On						$\neg$							comments		
Address:	209 W. McKa	ay St			Addre			De	OH						$\dashv$	Pro	gram:	UST/P	S	PR[]	Br	rownfie s	R[]:	Supe
City, State ZIP:	Carlsbad, Ne	w Mexico, 88	220					-	_						-			roject:						
Phone:	432-701-215			Emai		State ZIP:									-			Level [ es: ED				_	TR	Le
Project Name:	Jay	hawk 6 CTB 2	2	Tur	rn Aroun	d								US SOLD		_		es: ED	ш	Α	DaP	P1L Othe	er:	
Project Number:		248769		Routine	✓ Ru		Pres.		T	T	_	_	ANA	LYSIS	REC	UES	Т					Preserva	ative Co	odes
Project Location	Lea Co	ounty, New Me	exico	Due Date:		18hr	Code		+	+	+	+	+	+								None: NO	DI Wa	ater: H <sub>2</sub> O
Sampler's Name:		Kenny Han		TAT starts the	e day recei	ved by the			MRO)												1	Cool: Cool	MeOH	l: Me
SAMPLE RECEI	-	21406728	1 /	lab, if rec	eived by 4:	30pm			+												- 1:	HCL: HC	HNO <sub>3</sub>	: HN
Received Intact		mp Blank:	Yes No		Yes	No	Parameters	0	DRO	4500											- 1	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH	l: Na
Cooler Custody Seals		No N/A	Thermom		14 H		aran	8021B	+		1											H₃PO₄: HP		
Sample Custody Sea			Correction	n Factor: ture Reading:	CHO	3~	4	BTEX	( GRO	Chloride										3	0 1	NaHSO <sub>4</sub> : NABI Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSC		
Total Containers:		12		Temperature:	13:			"	8015M (	0												Zn Acetate+Na	-	
Sample Iden	tification	Date	Time	Soil	Water	Grab/	# of		TPH 80													NaOH+Ascorbio		APC
t CS-4		2/6/2025			- rutor	Comp	Cont															Sample (	Comme	nts
) CS-5		-		Х		Comp	1	x	х	x									+	+	+			
3 CS-6		2/6/2025		Х		Comp	1	Х	Х	х								1	+	+	+			-
Y CS-8		2/6/2025		Х		Comp	1	х	х	Х										_	+			- 1
S CS-2	5 1	2/6/2025		X		Comp	1	Х	Х	х										_	+			-
SW-3	AX	2/6/2025		x		Comp	1	Х	Х	Х											+			
SW-5	A	2/6/2025		X		Comp	1	Х	Х	Х											1			
8 SW-8		2/6/2025		×		Comp	1	X	X	Х														
9 SW-12	2	2/6/2025		x		Comp	1	X	X	X														
SW-13	3	2/6/2025		x		Comp	1	X	X	X				-	_									
						Jone		^	X	X					- 1									_

**Additional Comments:** 

NMOCD ID:

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.

Bill to: (if different)

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## **Chain of Custody**

Work O

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Page	2_	_ of _	2	Ш
k Order Comments				
PR Brownfie C	Di	<u></u>	C	

Project Manager:	Ethan Sessu	ms			Bill to	(if differe	· · · · · ·	l e													Page	2 of	2_
Company Name:	NTG Environ	mental				10000			Rale	у				_				W	ork (	Order	Comments		
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City, State ZIP:		w Mexico, 88	220		Addres			-							Sta	te of F	rojec	ct:			_		опро
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Decinet Name				Email											Deli	verab	les: E	DD		ADa	aP1 Othe	er:	
Project Name:	Jay	hawk 6 CTB 2	2	Tur	n Around	t						Al	NALYS	IS RE	OUES	т					200		
Project Number:		248769		Routine	✓ Ru	sh	Pres. Code							T	QUES	1	T	T		_	Preserv		
Project Location		ounty, New Me	exico	Due Date:	4	8hr							+	+	+	+	-	-	-	-	None: NO	DI Wa	iter. H <sub>2</sub>
Sampler's Name:		Kenny Han		TAT starts the	day recei	ved by the		1	MRO)							1					Cool: Cool	MeOH	: Me
		21406728		lab, if rece	eived by 4:	30pm	yo .	1	+			- 1								1	HCL: HC	HNO <sub>3</sub>	HN
SAMPLE RECEI	- 10	mp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	DRO	8							1				H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH	: Na
Received Intact:		es No	Thermom	eter ID:	#111	0	ram	8021B	+	9 4500										_	H <sub>3</sub> PO <sub>4</sub> : HP		
Cooler Custody Seals		NO N/A	Correction	n Factor:	Cto	3:	Pa	BTEX 8	GRO	Chloride						1				НОГР	NaHSO <sub>4</sub> : NAB		
Sample Custody Seal Total Containers:	s: Yes	No N/A		ure Reading:	1.3			FB	×	S.									1	Ι =	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaS(		
total Containers;		12	Corrected	Temperature:	1.0	0			8015M ( GRO												Zn Acetate+Na		
Sample Ident	tification	Date	Time	Soil	Water	Grab/	# of		TPH												NaOH+Ascorbi	2000	
SW-1	4	2/6/2025		x		Comp	Cont														Sample	Comme	nts
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service. Xenco will be lia Xenco. A minimum charg	ble only for the co	st of samples and	shall not ass	ume any responsil	oility for an	y losses or	expenses i	nco, its ncurred	affiliate by the	es and s	such lose	tors. It as	ssigns st	andard I	terms an	d condi	tions						
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February 12, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: JAYHAWK 6 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 02/06/25 15:01.

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">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



02/06/2025

#### Analytical Results For:

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

Fax To:

Received: 02/06/2025 Sampling Date:

Reported: 02/12/2025 Sampling Type: Soil JAYHAWK 6 CTB 2 Cool & Intact

Project Name: Sampling Condition: Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 1 0-6 (H250742-01)

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*	<1.00	1.00	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	1.40	1.00	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	1.91	1.00	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
Total Xylenes*	38.3	3.00	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	41.6	6.00	02/08/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	139	% 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	02/10/2025	ND	432	108	400	3.77	
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*	2160	100	02/11/2025	ND	192	96.0	200	0.908	QM-07, QR-03
DRO >C10-C28*	20900	100	02/11/2025	ND	193	96.3	200	0.659	QM-07, QR-03
EXT DRO >C28-C36	2960	100	02/11/2025	ND					
Surrogate: 1-Chlorooctane	226	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	344	% 49.1-14	8						

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Celey D. Keene



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

#### Analytical Results For:

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

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras Project Number: 248769

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 1 1-1.5 (H250742-02)

BTEX 8021B	mg/	/kg	Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	0.238	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	0.317	0.050	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
Total Xylenes*	5.94	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	6.50	0.300	02/08/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	201 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	48.0	16.0	02/10/2025	ND	432	108	400	3.77	
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*	514	10.0	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	4970	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	761	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	159 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	150	% 49 1-14	8						

150 % Surrogate: 1-Chlorooctadecane 49.1-148

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Celey D. Keine



#### Analytical Results For:

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

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 1 2-2.5 (H250742-03)

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	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	<0.050	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.25	113	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 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	816	16.0	02/10/2025	ND	432	108	400	3.77	
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	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	107 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	6 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 1 3-3.5 (H250742-04)

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	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	<0.050	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.25	113	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-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	02/10/2025	ND	432	108	400	3.77	
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	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 1 4-4.5 (H250742-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	<0.050	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.25	113	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/10/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 02/06/2025

Reported: 02/12/2025 JAYHAWK 6 CTB 2

Project Name: Project Number: 248769

Project Location: DEVON LEA CO., NM Sampling Date: 02/06/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: DV - 2 0-6 (H250742-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	1.39	1.00	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	2.02	1.00	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
Total Xylenes*	36.2	3.00	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	39.6	6.00	02/08/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	143	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/10/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2580	100	02/11/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	24900	100	02/11/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	3540	100	02/11/2025	ND					
Surrogate: 1-Chlorooctane	271	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	426	% 49.1-14	8						

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Celey D. Keine



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

#### Analytical Results For:

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

02/06/2025

Reported: 02/12/2025

Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Received:

Project Location: DEVON LEA CO., NM Sampling Date: 02/06/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Alyssa Parras

#### Sample ID: DV - 2 1-1.5 (H250742-07)

BTEX 8021B	mg/kg		Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	0.309	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	0.447	0.050	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
Total Xylenes*	8.14	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	8.90	0.300	02/08/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	225 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	02/10/2025	ND	432	108	400	3.77	
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*	317	10.0	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	3620	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	601	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	127 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142 9	% 49.1-14	8						

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Celeg D. Freene



02/06/2025

Cool & Intact

Alyssa Parras

#### Analytical Results For:

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

Sampling Date:

Sampling Condition:

Sample Received By:

Received: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2
Project Number: 248769

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 2 2-2.5 (H250742-08)

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	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	<0.050	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.25	113	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	02/10/2025	ND	432	108	400	3.77	
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	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Applyzod By: 14

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 2 3-3.5 (H250742-09)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	<0.050	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.25	113	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	02/10/2025	ND	432	108	400	3.77	
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	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 02/06/2025

02/12/2025

JAYHAWK 6 CTB 2

Project Number: 248769

Reported:

Project Name:

Project Location: DEVON LEA CO., NM Sampling Date: 02/06/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: DV - 2 4-4.5 (H250742-10)

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	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	<0.050	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.25	113	2.00	2.95	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-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	02/10/2025	ND	432	108	400	3.77	
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	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



#### Analytical Results For:

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

02/06/2025 Reported: 02/12/2025

Project Name: JAYHAWK 6 CTB 2

Project Number: 248769

Project Location: DEVON LEA CO., NM Sampling Date: 02/06/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: DV - 3 0-6 (H250742-11)

Received:

BTEX 8021B	mg	/kg	Analyze	ed By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/08/2025	ND	2.14	107	2.00	1.66	
Toluene*	2.23	2.00	02/08/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	2.96	2.00	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
Total Xylenes*	57.9	6.00	02/08/2025	ND	6.84	114	6.00	2.54	
Total BTEX	63.1	12.0	02/08/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	135	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/10/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2920	100	02/11/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	25600	100	02/11/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	3590	100	02/11/2025	ND					
Surrogate: 1-Chlorooctane	875	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	520	% 49.1-14	18						

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Celey D. Keene, Lab Director/Quality Manager



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

#### Analytical Results For:

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

Fax To:

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact Sample Received By: Project Number: 248769 Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 3 1-1.5 (H250742-12)

BTEX 8021B	mg/kg		Analyzed By: JH						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2025	ND	2.14	107	2.00	1.66	
Toluene*	0.428	0.050	02/09/2025	ND	2.22	111	2.00	2.77	
Ethylbenzene*	0.918	0.050	02/09/2025	ND	2.25	113	2.00	2.95	GC-NC1
Total Xylenes*	10.3	0.150	02/09/2025	ND	6.84	114	6.00	2.54	
Total BTEX	11.7	0.300	02/09/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	265	% 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	64.0	16.0	02/10/2025	ND	432	108	400	3.77	
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*	402	10.0	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	4350	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	673	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	129 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	154 9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 02/06/2025

02/12/2025

JAYHAWK 6 CTB 2

Project Name: Project Number: 248769

Project Location: DEVON LEA CO., NM Sampling Date: 02/06/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

#### Sample ID: DV - 3 2-2.5 (H250742-13)

Reported:

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	02/08/2025	ND	2.06	103	2.00	6.20	
Toluene*	<0.050	0.050	02/08/2025	ND	2.21	110	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.17	109	2.00	6.30	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.66	111	6.00	6.25	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	02/10/2025	ND	432	108	400	3.77	
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	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Alyssa Parras

Sample Received By:

#### Analytical Results For:

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

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil
Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact

Project Number: 248769

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 3 3-3.5 (H250742-14)

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	02/08/2025	ND	2.06	103	2.00	6.20	
Toluene*	<0.050	0.050	02/08/2025	ND	2.21	110	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.17	109	2.00	6.30	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.66	111	6.00	6.25	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>608</b> 16.0		02/10/2025 ND		432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 02/06/2025 Sampling Date: 02/06/2025

Reported: 02/12/2025 Sampling Type: Soil

Project Name: JAYHAWK 6 CTB 2 Sampling Condition: Cool & Intact
Project Number: 248769 Sample Received By: Alyssa Parras

Project Location: DEVON LEA CO., NM

#### Sample ID: DV - 3 4-4.5 (H250742-15)

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	02/08/2025	ND	2.06	103	2.00	6.20	
Toluene*	<0.050	0.050	02/08/2025	ND	2.21	110	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/08/2025	ND	2.17	109	2.00	6.30	
Total Xylenes*	<0.150	0.150	02/08/2025	ND	6.66	111	6.00	6.25	
Total BTEX	<0.300	0.300	02/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/10/2025	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2025	ND	192	96.0	200	0.908	
DRO >C10-C28*	<10.0	10.0	02/10/2025	ND	193	96.3	200	0.659	
EXT DRO >C28-C36	<10.0	10.0	02/10/2025	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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#### **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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### Chain of Custody

Work Order No: <u>+350742</u>

Page 18 of 19

Project Manager:	Ethan Sessur	ns			Bill to: (if different)			Jim F	Raley		_	_	7 [				Work (	Ordor	Page1_ Comments	of2				
	NTG Environr					Company Name:										Devon			11					OC 6
Address:	The state of the s		Address							_	State of			_ PR	П в	rownne_s	R[]: Supe[]							
City, State ZIP:	Carlsbad, Nev		20		The same of	-		_								evel 🗌	Leve	П	PST/U{☐ TF	RD LeDel				
Phone:	432-701-2159		20	Farath	City, State ZIP:						_		I			: EDD	_		PSI/UL II	_				
Priorie.	432-701-2139			Email:	alici									Delive	ables	. EDU		ADa	PID Other.					
Project Name:	Jayl	awk 6 CTB 2		Turr	Turn Around			ANALYSIS R		REQ	QUEST				Preservative Codes									
Project Number:		248769		✓ Routine	Rusi	Rush Pres.													None: NO	DI Water: H <sub>2</sub> O				
Project Location	Lea Co	unty, New Me	xico	Due Date:															Cool: Cool	MeOH: Me				
Sampler's Name:	Kenny Han		TAT starts the				1	MRO)										HCL: HC	HNO <sub>3</sub> : HN					
PO#:		21406728		lab, if rece	eived by 4:3	0pm	2		1 + 1										H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na				
SAMPLE RECEI		mp Blank:	Yes No	Wet Ice:	Yes	No	rameters	Ε Ε	DRO										H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:	er Custody Seals: Yes No N/A Correction				#146		arar	8021B	0 0	de 4500								НОГР	NaHSO <sub>4</sub> : NABIS	p.				
				C+0.3-		Δ.	ВТЕХ	99	Chloride			- 1					ĭ	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	à.					
Sample Custody Sea	ils: Yes	No N/A		ure Reading:				"	8015M ( GRO	5									Zn Acetate+NaC	H: Zn				
Total Containers:		15 Corrected Tempe		15 Corrected Tem		15 Corrected Tempe		15 Corrected Temperature		15 Corrected Temperature: ) - (0 - 2										NaOH+Ascorbic	Acid: SAPC			
Sample Identification	FT (bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample C	Comments				
DV-1	0-6	2/6/2025		Х		Grab/	1	X	Х	Х														
DV-1	1-1.5	2/6/2025		Х		Grab/	1	X	Х	Х														
3 DV-1	2-2.5	2/6/2025		Х		Grab/	1	Х	Х	Х					$\neg$									
4 DV-1	3-3.5	2/6/2025		Х		Grab/	1	Х	Х	Х														
5 DV-1	4-4.5	2/6/2025		Х		Grab/	1	Х	Х	Х														
DV-2	0-6	2/6/2025		Х		Grab/	1	X	Х	Х														
DV-2	1-1.5	2/6/2025		Х		Grab/	1	X	Х	Х														
8 DV-2	2-2.5	2/6/2025		Х		Grab/	1	X	Х	Х					1									
Q DV-2	3-3.5	2/6/2025		Х		Grab/	1	Х	Х	Х														
10 DV-2	4-4.5	2/6/2025		Х		Grab/	1	X	Х	Х					1									

**Additional Comments:** 

Received by OCD: 2/24/2025 10:22:56 AM

NMOCD ID:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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5			6		

### Chain of Custody

Work Order No: 11850742

Page 19 of 19

T/PS PR Ct:		Preservative Codes  None: NO DI Water: H <sub>2</sub> O  Cool: Cool MeOH: Me  HCL: HC HNO <sub>3</sub> : HN  H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
ct:	AD	PST/U: TR D Le DaP1 Other:  Preservative Codes  None: NO DI Water: H <sub>2</sub> O  Cool: Cool MeOH: Me  HCL: HC HNO <sub>3</sub> : HN  H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
_	AD	Preservative Codes  None: NO DI Water: H <sub>2</sub> O  Cool: Cool MeOH: Me  HCL: HC HNO <sub>3</sub> : HN  H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
EDD .		Preservative Codes  None: NO DI Water: H <sub>2</sub> O  Cool: Cool MeOH: Me  HCL: HC HNO <sub>3</sub> : HN  H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
	OLD	None: NO DI Water: H <sub>2</sub> O  Cool: Cool MeOH: Me  HCL: HC HNO <sub>3</sub> : HN  H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
	OLD	None: NO DI Water: H <sub>2</sub> O  Cool: Cool MeOH: Me  HCL: HC HNO <sub>3</sub> : HN  H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
	ОГР	Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
	OLD	HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
	OLD	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na	
	OLD		
	OLD OLD	H <sub>3</sub> PO <sub>4</sub> : HP	
	1 0		
1 1 1	Ī	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
		Zn Acetate+NaOH: Zn	
1   1		NaOH+Ascorbic Acid: SAPC	
		Sample Comments	
+	+		
	+		
	+		

2025 10:22:56 AM

NMOCD ID:

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ام	of Xenco. A minimum charge of \$85.00 will be	e applied to each project and a charge of \$5 for each sample so	abmitted to Xenco, but no analyzed. The	se terms will be enforced unless previously neg	otiated.	
0	Relinquished by: (Signature)	Received by: (Signature)	1 Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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8						Revised Date 05012020 Rev. 2020 1

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Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS

Action 434495

#### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	434495
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2425352259				
Incident Name	NAPP2425352259 JAYHAWK 6 CTB 2 @ 0				
Incident Type	Oil Release				
Incident Status	Deferral Request Received				
Incident Facility	[fAPP2130256531] JAYHAWK 6 CTB 2				

ocation of Release Source					
Please answer all the questions in this group.					
Site Name	JAYHAWK 6 CTB 2				
Date Release Discovered	09/09/2024				
Surface Owner	Federal				

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Separator   Crude Oil   Released: 8 BBL   Recovered: 2 BBL   Lost: 6 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	INLET LINE ON SEPARATOR DEVELOPED A PINHOLE LEAK. 7.5 BBLS OIL SPILLED IN SEPARATOR SKID AND ON THE PAD. 1.5 BBLS RECOVERED.

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

General Information
Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 2

Action 434495

QUESTIONS (continued)

QUESTI	ions (continued)
Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 434495
	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response  The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to	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: 02/24/2025

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

storage site

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 434495

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	434495
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### 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 Between 100 and 500 (ft.) release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water NM OSE iWaters Database Search Did this release impact groundwater or surface water What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A continuously flowing watercourse or any other significant watercourse Between 1/2 and 1 (mi.) Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Between 1/2 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 Between 1/2 and 1 (mi.) for domestic or stock watering purposes 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.) 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 A 100-year floodplain Between 1/2 and 1 (mi.) Did the release impact areas not on an exploration, development, production, or

No

Remediation Plan	Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to	o 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	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	52400	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	44266	
GRO+DRO (EPA SW-846 Method 8015M)	37816	
BTEX (EPA SW-846 Method 8021B or 8260B)	261	
Benzene (EPA SW-846 Method 8021B or 8260B)	7.5	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed 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	01/13/2025	
On what date will (or did) the final sampling or liner inspection occur	02/06/2025	
On what date will (or was) the remediation complete(d)	02/10/2025	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	4604	
What is the estimated volume (in cubic yards) that will be remediated	195	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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.

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

Phone: (505) 629-6116

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

QUESTIONS, Page 4

Action 434495

<b>QUESTIONS</b>	(continued)
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	434495
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(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 off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	No	
OR is the off-site disposal site, to be used, an NMED facility	No	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	
D 0 1 " D (40 45 00 44 NAAO 1 " " 1 1 1 1 " " 1 1 1 1 1 1 1 1 1 1	W	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 02/24/2025

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.

Released to Imaging: 6/5/2025 8:12:06 AM

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

QUESTIONS

General Information Phone: (505) 629-6116

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QUESTIONS, Page 5

Action 434495

QUESTIONS (continued)

Santa Fe, NM 87505

**State of New Mexico** 

Operator:		OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
	333 West Sheridan Ave.	Action Number:
	Oklahoma City, OK 73102	434495
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### Deferral Requests Only Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation. Requesting a deferral of the remediation closure due date with the approval of this submission Have the lateral and vertical extents of contamination been fully delineated Yes Is the remaining contamination in areas immediately under or around production Yes equipment where remediation could cause a major facility deconstruction Please list or describe the production equipment and how (re)moving the Impacted soils is directly under production flow lines and separators equipment would cause major facility deconstruction What is the remaining surface area (in square feet) that will still need to be 4448 remediated if a deferral is granted What is the remaining volume (in cubic yards) that will still need to be remediated 659

Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.

Enter the facility ID (f#) on which this deferral should be granted	JAYHAWK 6 CTB 2 [fAPP2130256531]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
D O L 11 D 140 4500 44 11140 L 11 11 11 11 11 11 11 11 11 11 11 11 1	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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

Name: James Raley Title: EHS Professional I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 02/24/2025

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

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

QUESTIONS, Page 6

Action 434495

<b>QUESTIONS</b>	(continued)
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	434495
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	426825
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/06/2025
What was the (estimated) number of samples that were to be gathered	15
What was the sampling surface area in square feet	1200

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

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

CONDITIONS

Action 434495

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	434495
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

#### CONDITIONS

Created By		Condition Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	6/5/2025