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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+MRO)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	20,000 mg/kg	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**

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
								Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC					
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg			
<b>Vertical Delineation Samples</b>													
V-1	9/10/2024	0-6"	<0.100	<b>1.49</b>	<b>1.08</b>	<b>19.6</b>	<b>22.1</b>	<b>1,120</b>	<b>7,600</b>	<b>8,720</b>	<b>1,210</b>	<b>9,930</b>	<b>6,080</b>
	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	<b>5.03</b>	<b>5.62</b>	<b>69.2</b>	<b>79.8</b>	<b>5,480</b>	<b>30,900</b>	<b>36,380</b>	<b>4,570</b>	<b>40,950</b>	<b>112</b>
	9/10/2024	1-1.5'	<b>1.12</b>	<b>21.2</b>	<b>10.7</b>	<b>131</b>	<b>164</b>	<b>7,960</b>	<b>28,700</b>	<b>36,660</b>	<b>4,160</b>	<b>40,820</b>	<b>48.0</b>
V-3	9/10/2024	0-6"	<0.050	<b>0.141</b>	<b>0.090</b>	<b>1.42</b>	<b>1.65</b>	<b>102</b>	<b>5,360</b>	<b>5,462</b>	<b>859</b>	<b>6,321</b>	<b>4,000</b>
	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
	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	<b>11.7</b>	<b>11.7</b>	<10.0	<b>11.7</b>	<b>7,730</b>
	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"	<b>7.52</b>	<b>60.6</b>	<b>16.7</b>	<b>176</b>	<b>261</b>	<b>8,530</b>	<b>12,600</b>	<b>21,130</b>	<b>1,660</b>	<b>22,790</b>	<b>32.0</b>
	9/10/2024	1-1.5'	<0.050	<b>0.230</b>	<b>0.116</b>	<b>1.72</b>	<b>2.07</b>	<b>67.8</b>	<b>362</b>	<b>429.8</b>	<b>46.6</b>	<b>476.4</b>	<b>16.0</b>
TP-1	9/30/2024	1'	<0.050	<b>0.210</b>	<b>0.293</b>	<b>4.65</b>	<b>5.15</b>	<b>163</b>	<b>2,170</b>	<b>2,333</b>	<b>432</b>	<b>2,765</b>	<b>1,840</b>
	9/30/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>63.4</b>	<b>63.4</b>	<b>28.2</b>	<b>91.6</b>	<b>256</b>
	9/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>15.5</b>	<b>15.5</b>	<10.0	<b>15.5</b>	<b>416</b>
TP-2	9/30/2024	1'	<0.050	<b>0.624</b>	<b>0.702</b>	<b>10.4</b>	<b>11.7</b>	<b>411</b>	<b>4,500</b>	<b>4,911</b>	<b>973</b>	<b>5,884</b>	<b>32.0</b>
	9/30/2024	2'	<0.050	<0.050	<0.050	<b>0.300</b>	<b>0.300</b>	<b>31.9</b>	<b>372</b>	<b>403.9</b>	<b>117</b>	<b>520.9</b>	<b>32.0</b>
	9/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<b>19.4</b>	<b>241</b>	<b>260.4</b>	<b>45.0</b>	<b>305.4</b>	<b>16.0</b>
	10/30/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>98.2</b>	<b>98.2</b>	<b>18.3</b>	<b>116.5</b>	<b>32.0</b>
	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
TP-3	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
	9/30/2024	2'	<0.050	<b>0.156</b>	<b>0.176</b>	<b>2.59</b>	<b>2.92</b>	<b>201</b>	<b>2,470</b>	<b>2,671</b>	<b>553</b>	<b>3,224</b>	<b>3,400</b>
	9/30/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>54.4</b>	<b>54.4</b>	<b>31.3</b>	<b>85.7</b>	<b>512</b>
TP-4	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
	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 Delineation Samples</b>													
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	<b>35.9</b>	<b>35.9</b>	<10.0	<b>35.9</b>	<b>48.0</b>

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC					
			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	<b>0.099</b>	<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	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,640
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	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,860
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	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,400
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:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 846
- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- Not Analyzed

SP-1 Sample Point Excavated

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
<b>Table I Closure Criteria for Soil &gt;100 feet Depth to Groundwater 19.15.29 NMAC</b>													
<b>Base Confirmation Samples</b>													
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	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	866	866	139	1,005	1,220
	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	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	117	117	14.5	131.5	8,800
	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	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	185	185	17.0	202.0	1,460
	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	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,520
	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
<b>Sidewall Confirmation Samples</b>													
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	1/27/2025	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	132	132	12.9	144.9	384
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
SW-5	1/27/2025	2-3	<0.050	<0.050	<0.050	<0.150	<0.300	29.7	1,840	1,869.7	314	2,183.7	2,160
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	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	6,160
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

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)		
								10 mg/kg	---	---	---	50 mg/kg		---
Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC														
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	<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	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	<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	<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	<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	<10.0	<16.0
Deferral Sampling														
DV-1	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	
	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	
DV-2	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	
	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	
DV-3	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	
	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:

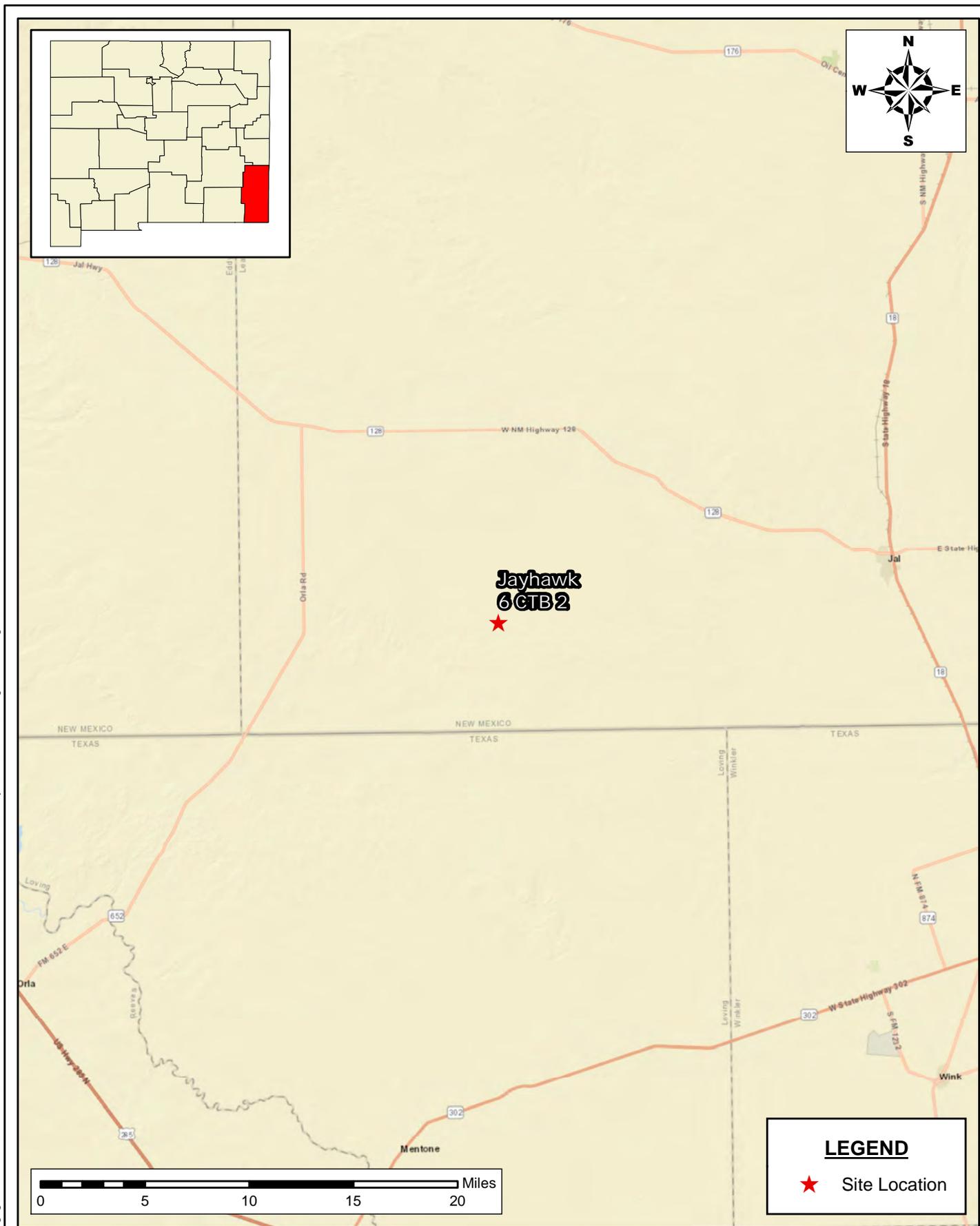
1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B
5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
9. --- Not Analyzed

SP-± Sample Point Excavated

## **FIGURES**

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**LEGEND**

★ Site Location

**SITE LOCATION MAP**  
**SITE ASSESSMENT AND REMEDIATION**  
**DEFERRAL REQUEST**  
 DEVON ENERGY PRODUCTION CORPORATION  
 JAYHAWK 6 CTB 2  
 LEA COUNTY, NEW MEXICO

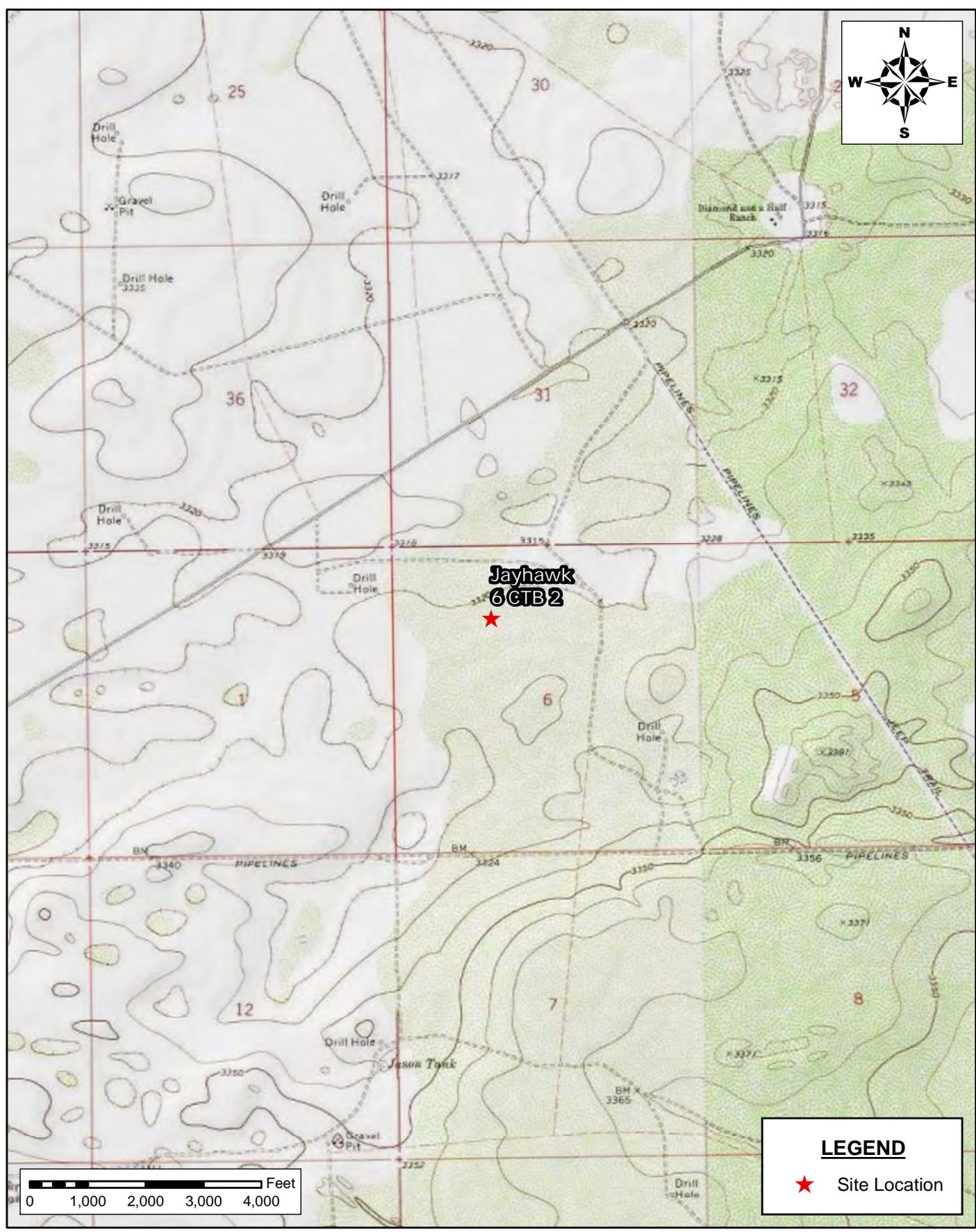
SCALE: As Shown    Date: 6/3/2024    PROJECT #:248769

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

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

DRAWING NUMBER:  
**FIGURE 1**  
 SHEET NUMBER:  
**1 of 1**

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**TOPOGRAPHIC MAP**  
**SITE ASSESSMENT AND REMEDIATION**  
**DEFERRAL REQUEST**  
**DEVON ENERGY PRODUCTION CORPORATION**  
**JAYHAWK 6 CTB 2**  
**LEA COUNTY, NEW MEXICO**

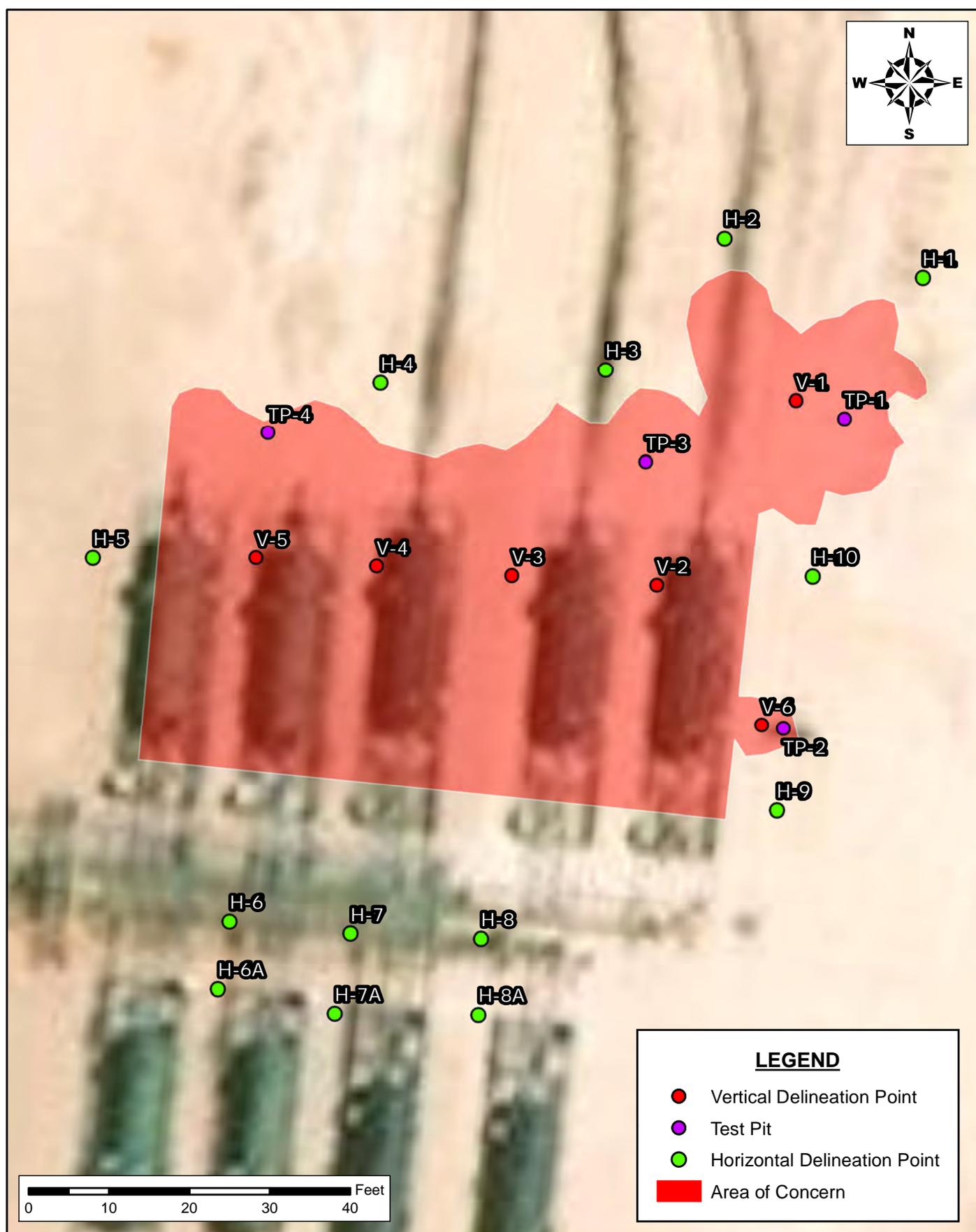
SCALE: As Shown    Date: 6/3/2024    PROJECT #:248769

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 Houston, Texas 77060  
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 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

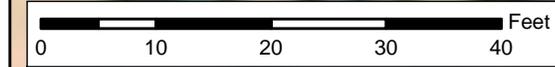
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**FIGURE 2**  
 SHEET NUMBER:  
**1 of 1**

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**LEGEND**

- Vertical Delineation Point
- Test Pit
- Horizontal Delineation Point
- Area of Concern



**INITIAL ASSESSMENT MAP  
SITE CHARACTERIZATION AND REMEDIATION  
DEFERRAL REQUEST**  
DEVON ENERGY PRODUCTION CORPORATION  
JAYHAWK 6 CTB 2  
LEA COUNTY, NEW MEXICO

  
**New Tech Global Environmental, LLC**  
911 Regional Park Drive  
Houston, Texas 77060  
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Web: www.ntgenvironmental.com

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

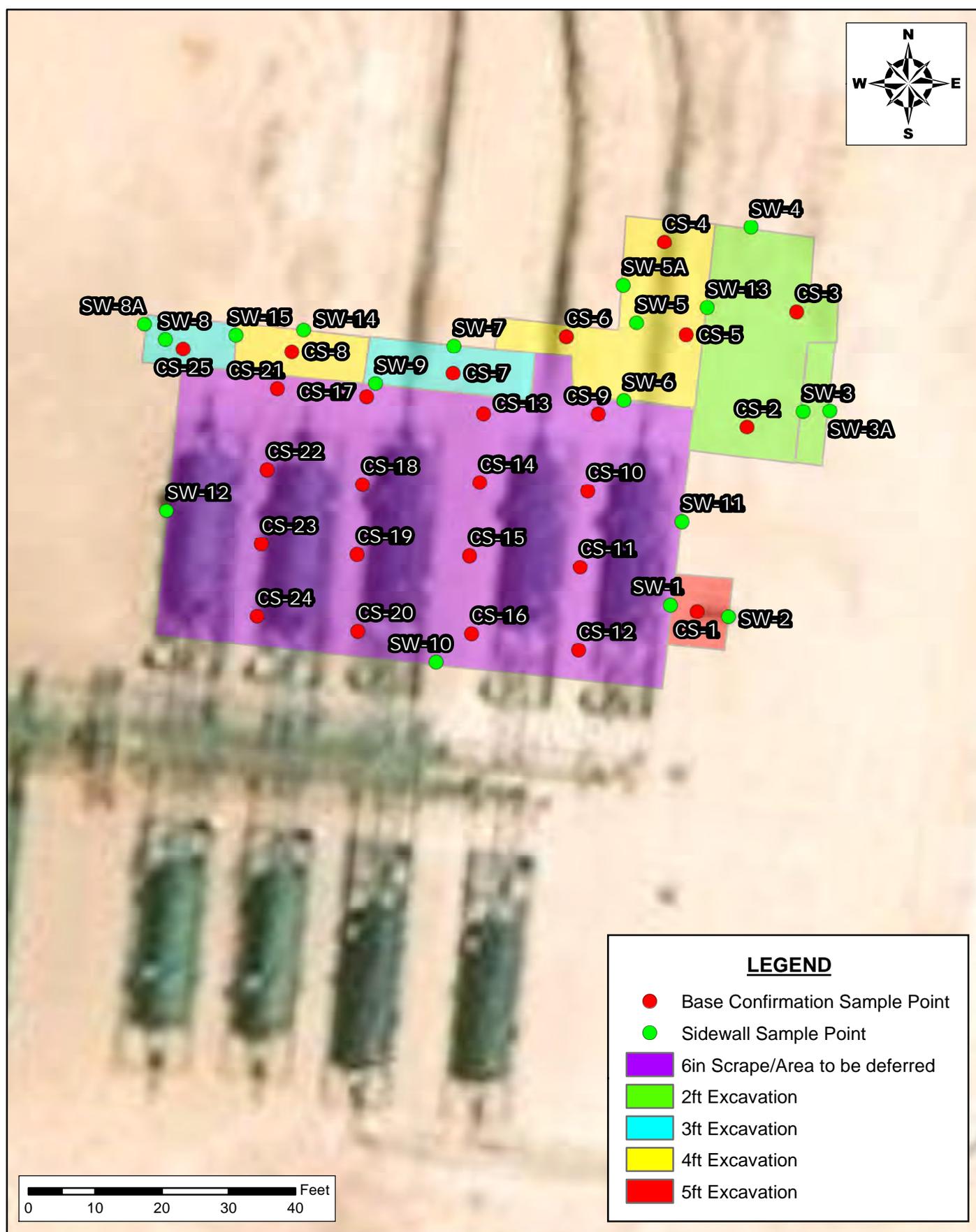
DRAWING NUMBER:

**FIGURE 3**

SHEET NUMBER:

**1 of 1**

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**LEGEND**

- Base Confirmation Sample Point
- Sidewall Sample Point
- 6in Scrape/Area to be deferred
- 2ft Excavation
- 3ft Excavation
- 4ft Excavation
- 5ft Excavation

**CONFIRMATION SAMPLING MAP  
SITE CHARACTERIZATION AND REMEDIATION  
DEFERRAL REQUEST**  
DEVON ENERGY PRODUCTION COMPANY  
JAYHAWK 6 CTB 2  
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN    DATE: 02/14/2025    PROJECT #: 248769

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

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

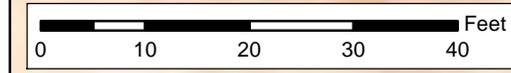
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**FIGURE 4**  
SHEET NUMBER:  
**1 of 1**

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**LEGEND**

- Clean Sidwall Sample Points
- Horizontal Delineation Samples (9/30/2024)
- Deferral Sampling Point
- Base Samples Over Limit
- Sidewall Samples Over Limit
- 6in Scrape/Area to be deferred
- 2ft Excavation
- 3ft Excavation
- 4ft Excavation
- 5ft Excavation



**DEFERRAL SAMPLING MAP  
SITE CHARACTERIZATION AND REMEDIATION  
DEFERRAL REQUEST**  
DEVON ENERGY PRODUCTION COMPANY  
JAYHAWK 6 CTB 2  
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN    DATE: 02/21/2025    PROJECT #: 248769

**NTG**  
ENVIRONMENTAL

**New Tech Global Environmental, LLC**  
911 Regional Park Drive  
Houston, Texas 77060  
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**NOTES:**

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

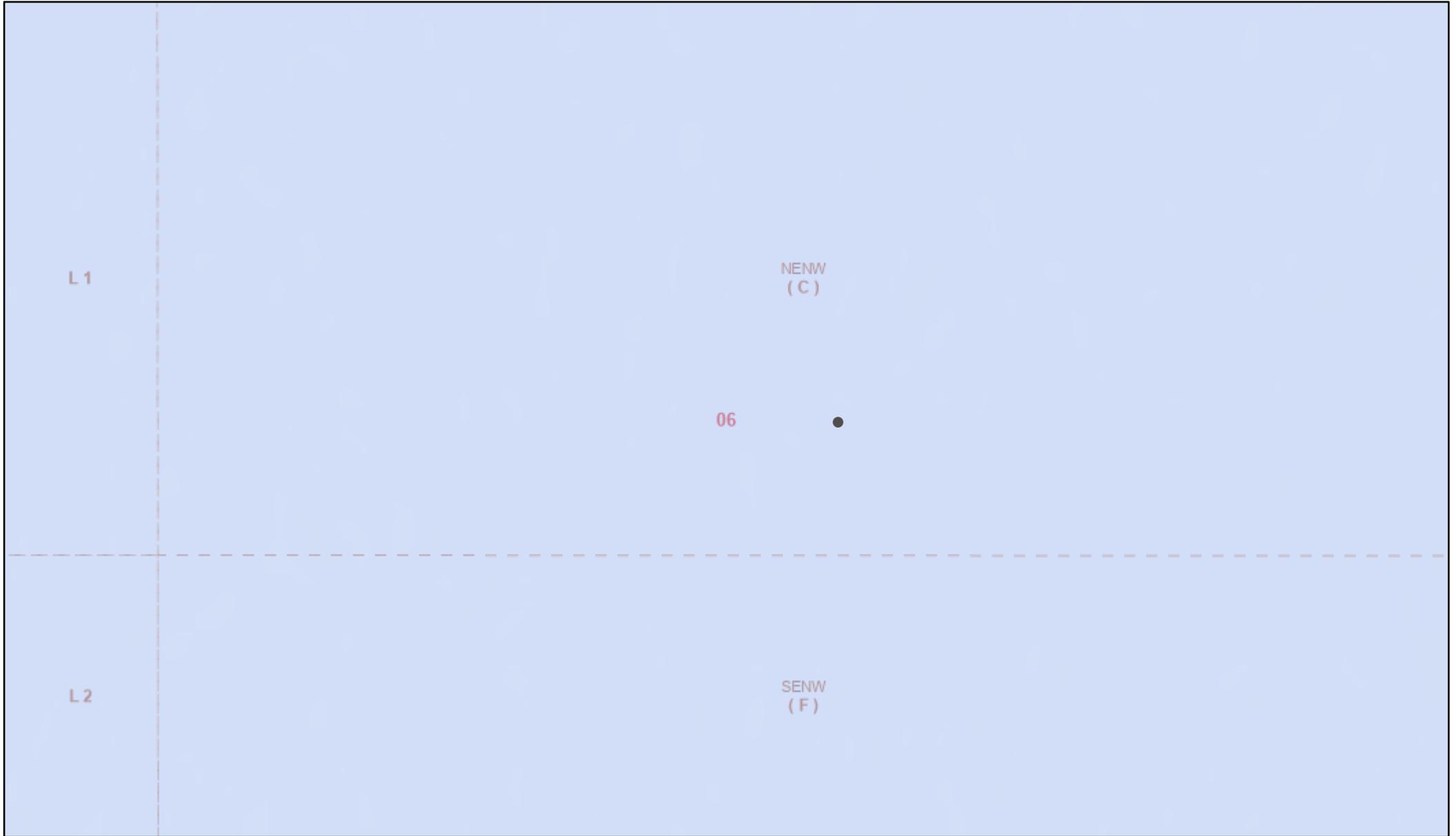
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**FIGURE 5**

SHEET NUMBER:  
**1 of 1**

## **SITE CHARACTERIZATION INFORMATION**

---

# Karst Potential Map



6/3/2024, 9:51:55 AM

Karst Occurrence Potential

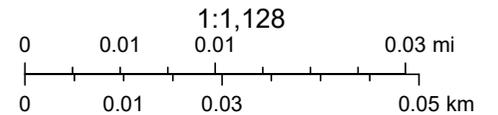
Low



PLSS Second Division



PLSS First Division



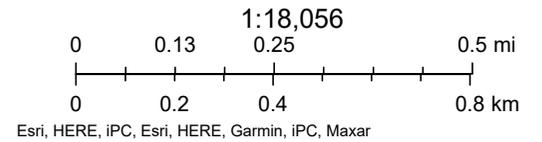
BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Oil Conservation Division of the New Mexico Energy,

# OSE POD Location Map



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

- Override 1
- OSE District Boundary
- New Mexico State Trust Lands
- Both Estates
- Active
- Closure Area





# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
	C 03441 POD1	4	1	2	06	26S	34E	640971	3550039

<b>Driller License:</b> 1044	<b>Driller Company:</b> EADES WELL DRILLING & PUMP SERVICE	
<b>Driller Name:</b> EADES, ALAN		
<b>Drill Start Date:</b> 05/03/2010	<b>Drill Finish Date:</b> 05/03/2010	<b>Plug Date:</b>
<b>Log File Date:</b> 05/17/2010	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 6.17	<b>Depth Well:</b> 250 feet	<b>Depth Water:</b>

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



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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

STATE ENGINEER OFFICE  
ROSWELL, NEW MEXICO  
2000 MAY 17 4 11:12

1. GENERAL AND WELL LOCATION	POD NUMBER (WELL NUMBER) <b>C-3841-POD1</b>				OSE FILE NUMBER(S) C 03441													
	WELL OWNER NAME(S) Dinwiddie Cattle Company				PHONE (OPTIONAL)													
	WELL OWNER MAILING ADDRESS PO Box 963				CITY Capitan		STATE NM		ZIP 88316									
	WELL LOCATION (FROM GPS)		DEGREES N32		MINUTES 04		SECONDS <del>41.0</del> N		40.224 * ACCURACY REQUIRED: ONE TENTH OF A SECOND									
	LONGITUDE W103		30		<del>00.9</del> W		* DATUM REQUIRED: WGS 84 (OSE GPS)											
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS 22.867																		
2. OPTIONAL	(2.5 ACRE) <b>NW 1/4</b>		(10 ACRE) <b>SE 1/4</b>		(40 ACRE) <b>NW 1/4</b>		(160 ACRE) <b>NE 1/4</b>		SECTION 6		TOWNSHIP 26		<input type="checkbox"/> NORTH <input checked="" type="checkbox"/> SOUTH		RANGE 34		<input checked="" type="checkbox"/> EAST <input type="checkbox"/> WEST	
	SUBDIVISION NAME						LOT NUMBER			BLOCK NUMBER			UNIT/TRACT					
	HYDROGRAPHIC SURVEY						MAP NUMBER			TRACT NUMBER								
3. DRILLING INFORMATION	LICENSE NUMBER WD1044			NAME OF LICENSED DRILLER Alan Eades				NAME OF WELL DRILLING COMPANY Eades Drilling & Pump Service										
	DRILLING STARTED 05-03-10		DRILLING ENDED 05-03-10		DEPTH OF COMPLETED WELL (FT) 250		BORE HOLE DEPTH (FT) 250		DEPTH WATER FIRST ENCOUNTERED (FT)									
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)											STATIC WATER LEVEL IN COMPLETED WELL (FT)						
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:																	
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:																	
	DEPTH (FT)		BORE HOLE DIA. (IN)		CASING MATERIAL		CONNECTION TYPE (CASING)		INSIDE DIA. CASING (IN)		CASING WALL THICKNESS (IN)		SLOT SIZE (IN)					
	FROM TO																	
	0 20		11		PVC		slip joint		6.166		.255							
	20 190		9.75		PVC		slip joint		6.166		.255							
	190 250		9.75		PVC - screen		slip joint		6.166		.255		.035					
4. WATER BEARING STRATA	DEPTH (FT)		THICKNESS (FT)		FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)						YIELD (GPM)							
	FROM TO																	
	128 189		61		sandy red clay													
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA										TOTAL ESTIMATED WELL YIELD (GPM)								

FOR OSE INTERNAL USE			WELL RECORD & LOG (Version 6/9/08)		
FILE NUMBER <b>C-3841</b>		POD NUMBER <b>POD1</b>		TRN NUMBER	
LOCATION <b>26.34.6.2141122</b>				PAGE 1 OF 2	

<b>5. SEAL AND PUMP</b>	TYPE OF PUMP: <input checked="" type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> JET <input type="checkbox"/> NO PUMP - WELL NOT EQUIPPED <input type="checkbox"/> TURBINE <input type="checkbox"/> CYLINDER <input type="checkbox"/> OTHER - SPECIFY:						
	ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT)		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
		FROM	TO				
		0	20	11	bentonite chips - hydrated	9	gravity fed
	20	250	9.75	gravel	84	gravity fed	

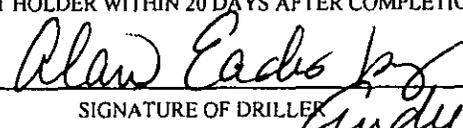
  

<b>6. GEOLOGIC LOG OF WELL</b>	DEPTH (FT)		THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
	FROM	TO			
	0	1	1	top soil	<input type="checkbox"/> YES <input type="checkbox"/> NO
	1	25	24	sandy clay	<input type="checkbox"/> YES <input type="checkbox"/> NO
	25	37	12	caliche & sand	<input type="checkbox"/> YES <input type="checkbox"/> NO
	37	85	48	sand & sandstone stringers	<input type="checkbox"/> YES <input type="checkbox"/> NO
	85	108	23	red sandstone with red clay streaks	<input type="checkbox"/> YES <input type="checkbox"/> NO
	108	128	20	sandstone with yellow clay streaks	<input type="checkbox"/> YES <input type="checkbox"/> NO
	128	189	61	sandy red clay	<input type="checkbox"/> YES <input type="checkbox"/> NO
	189	249	60	white sandstone with red clay streaks	<input type="checkbox"/> YES <input type="checkbox"/> NO
	249	250	1	red clay	<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

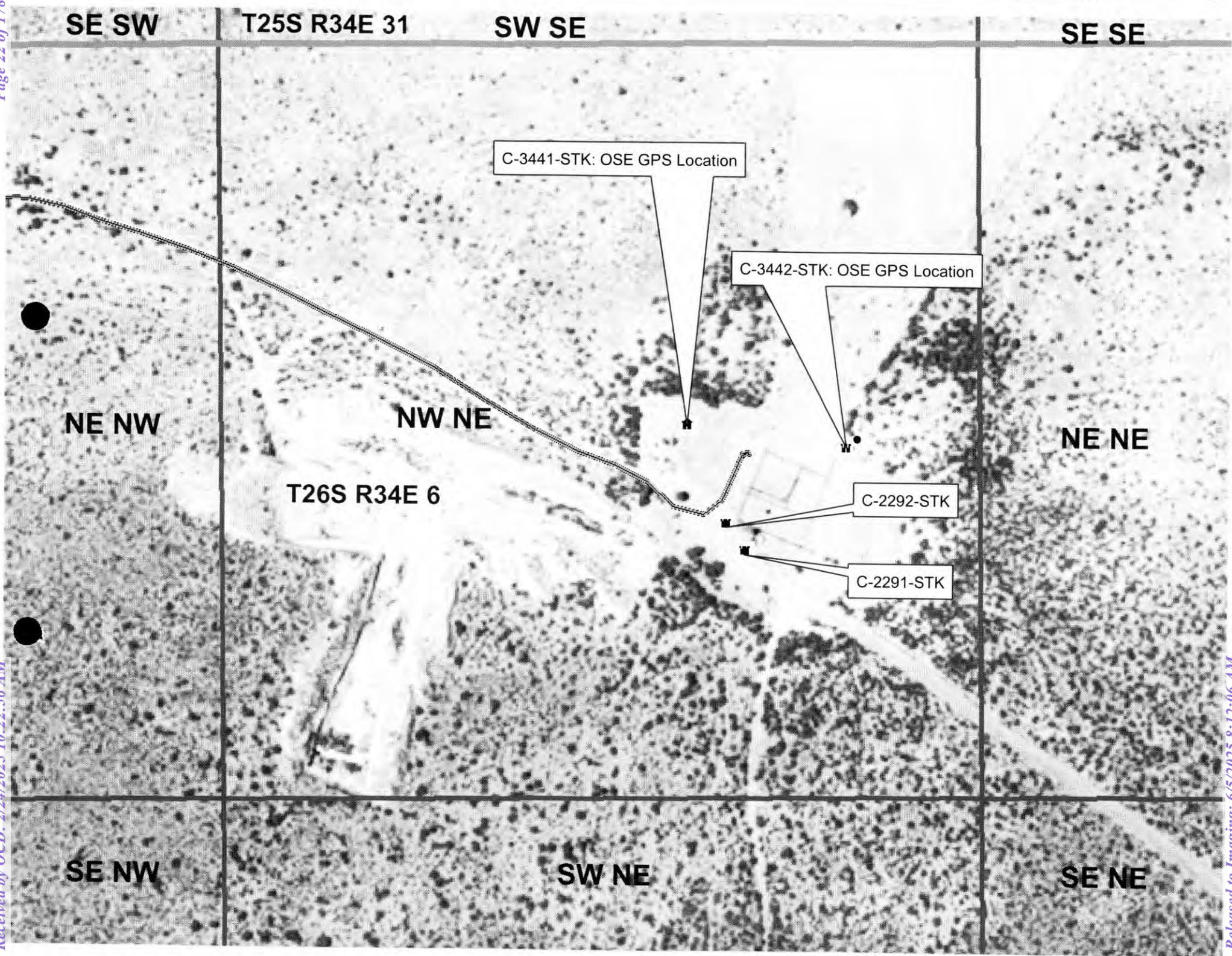
<b>7. TEST &amp; ADDITIONAL INFO</b>	WELL TEST	METHOD: <input type="checkbox"/> BAILER <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> OTHER - SPECIFY:
		TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		ADDITIONAL STATEMENTS OR EXPLANATIONS:

STATE ENGINEER OF THE STATE OF NEW MEXICO  
 2010 MAY 17 A 11:10 AM

<b>8. SIGNATURE</b>	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER	May 14, 2010 DATE

FOR OSE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)	
FILE NUMBER	2-3741	POD NUMBER	POD1
LOCATION	26-34.6-24-22	TRN NUMBER	PAGE 2 OF 2

2141122



**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**

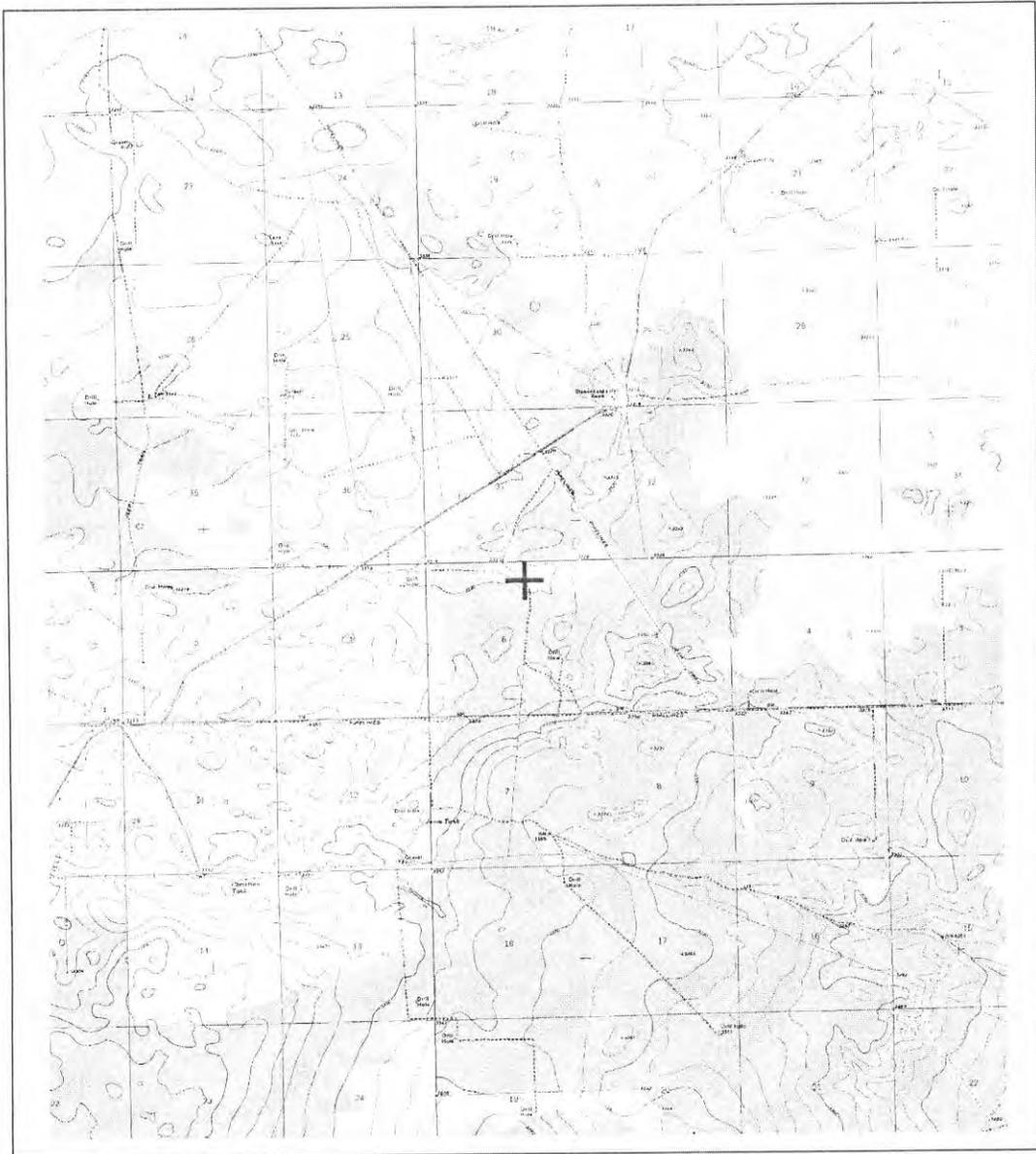
NAD 1983(92) (Meters)	N: 3,550,040	E: 640,971
NAD 1983(92) (Survey Feet)	N: 11,647,089	E: 2,102,918
NAD 1927 (Meters)	N: 3,549,839	E: 641,018
NAD 1927 (Survey Feet)	N: 11,646,429	E: 2,103,073

**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

Northing/Easting: SPCS83(92) (Feet):    N: 393,037    E: 797,479

GW Basin: Carlsbad



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE  
ROSWELL, NEW MEXICO  
200 MAY 17 A 11:12

1. GENERAL AND WELL LOCATION	POD NUMBER (WELL NUMBER) <b>C-3442-POD 1</b>			OSE FILE NUMBER(S) C 03442		
	WELL OWNER NAME(S) Dinwiddie Cattle Company			PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS PO Box 963			CITY Capitan	STATE NM	ZIP 88316
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE N32	MINUTES 04	SECONDS <del>44.0</del> N	39.812 * ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE W103	30	<del>28.4</del> W	* DATUM REQUIRED: WGS 84 (OSE GPS)	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS <b>19.628</b>						

2. OPTIONAL	(2.5 ACRE) <b>NE 1/4</b>	(10 ACRE) <b>SE 1/4</b>	(40 ACRE) <b>NW 1/4</b>	(160 ACRE) <b>NE 1/4</b>	SECTION 6	TOWNSHIP 26	<input type="checkbox"/> NORTH <input checked="" type="checkbox"/> SOUTH	RANGE 34	<input checked="" type="checkbox"/> EAST <input type="checkbox"/> WEST
	SUBDIVISION NAME				LOT NUMBER	BLOCK NUMBER	UNIT/TRACT		
	HYDROGRAPHIC SURVEY					MAP NUMBER	TRACT NUMBER		

3. DRILLING INFORMATION	LICENSE NUMBER WD1044	NAME OF LICENSED DRILLER Alan Eades			NAME OF WELL DRILLING COMPANY Eades Drilling & Pump Service					
	DRILLING STARTED 05-03-10	DRILLING ENDED 05-03-10	DEPTH OF COMPLETED WELL (FT) 251	BORE HOLE DEPTH (FT) 251	DEPTH WATER FIRST ENCOUNTERED (FT)					
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)				
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:									
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:									
	DEPTH (FT)		BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)		
	FROM	TO								
0	20	11	PVC	slip joint	6.166	.255				
20	191	9.75	PVC	slip joint	6.166	.255				
191	251	9.75	PVC - screen	slip joint	6.166	.255	.035			

4. WATER BEARING STRATA	DEPTH (FT)		THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
	FROM	TO			
	128	189	61	sandy red clay	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA				TOTAL ESTIMATED WELL YIELD (GPM)

FOR USE INTERNAL USE			WELL RECORD & LOG (Version 6/9/08)		
FILE NUMBER	<b>C-3442</b>	POD NUMBER	<b>POD 1</b>	TRN NUMBER	
LOCATION	<b>26.34.6.214.2123</b>			PAGE 1 OF 2	

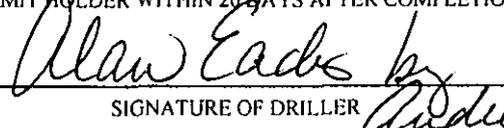
<b>5. SEAL AND PUMP</b>	TYPE OF PUMP: <input checked="" type="checkbox"/> SUBMERSIBLE <input type="checkbox"/> JET <input type="checkbox"/> NO PUMP - WELL NOT EQUIPPED <input type="checkbox"/> TURBINE <input type="checkbox"/> CYLINDER <input type="checkbox"/> OTHER - SPECIFY:						
	ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT)		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
		FROM	TO				
		0	20	11	bentonite chips - hydrated	9	gravity fed
20	251	9.75	gravel	85	gravity fed		

<b>6. GEOLOGIC LOG OF WELL</b>	DEPTH (FT)		THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
	FROM	TO			
	0	1	1	top soil	<input type="checkbox"/> YES <input type="checkbox"/> NO
	1	25	24	sandy clay	<input type="checkbox"/> YES <input type="checkbox"/> NO
	25	37	12	caliche & sand	<input type="checkbox"/> YES <input type="checkbox"/> NO
	37	85	48	sand & sandstone stringers	<input type="checkbox"/> YES <input type="checkbox"/> NO
	85	108	23	red sandstone with red clay streaks	<input type="checkbox"/> YES <input type="checkbox"/> NO
	108	128	20	sandstone with yellow clay streaks	<input type="checkbox"/> YES <input type="checkbox"/> NO
	128	189	61	sandy red clay	<input type="checkbox"/> YES <input type="checkbox"/> NO
	189	250	61	white sandstone with red clay streaks	<input type="checkbox"/> YES <input type="checkbox"/> NO
	250	251	1	red clay	<input type="checkbox"/> YES <input type="checkbox"/> NO
					<input type="checkbox"/> YES <input type="checkbox"/> NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

<b>7. TEST &amp; ADDITIONAL INFO</b>	WELL TEST	METHOD: <input type="checkbox"/> BAILER <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> OTHER - SPECIFY:
		TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START AND END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	ADDITIONAL STATEMENTS OR EXPLANATIONS:	

STATE ENGINEER OFFICE  
 BOB JET L. NEWMEXICO  
 2010 MAY 17 A 11:12

<b>8. SIGNATURE</b>	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER	May 14, 2010 DATE

FOR USE INTERNAL USE		WELL RECORD & LOG (Version 6/9/08)	
FILE NUMBER	C-3442	POD NUMBER	POD1
LOCATION	26.34 b. 211733	TRN NUMBER	PAGE 2 OF 2

SE SW

T25S R34E 31

SW SE

SE SE

NE NW

NW NE

NE NE

T26S R34E 6

C-3441-STK: OSE GPS Location

C-3442-STK: OSE GPS Location

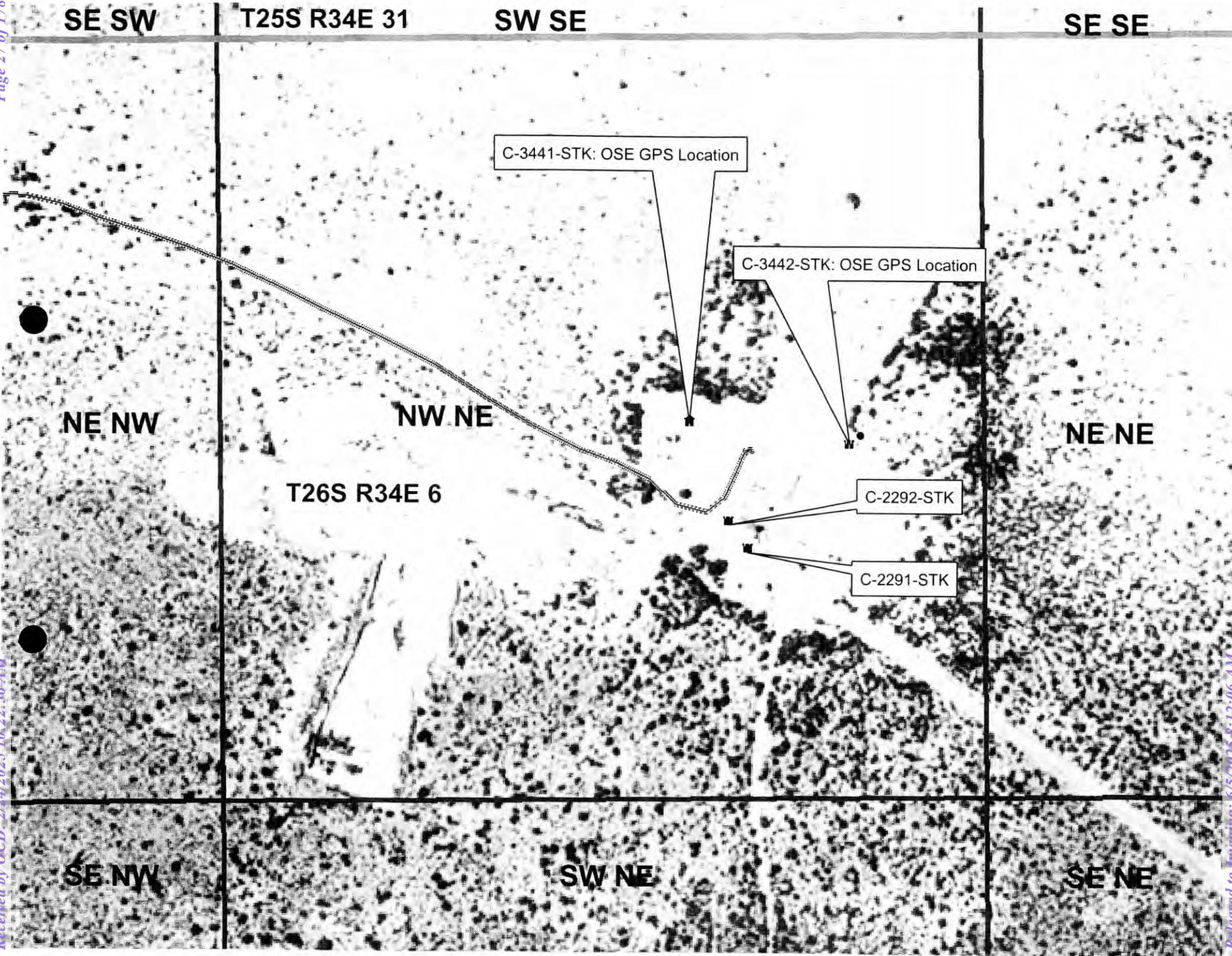
C-2292-STK

C-2291-STK

SE NW

SW NE

SE NE



**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 4 Minutes 39.8 Seconds N  
Longitude: 103 Degrees 30 Minutes 19.6 Seconds W

**Universal Transverse Mercator Zone: 13N**

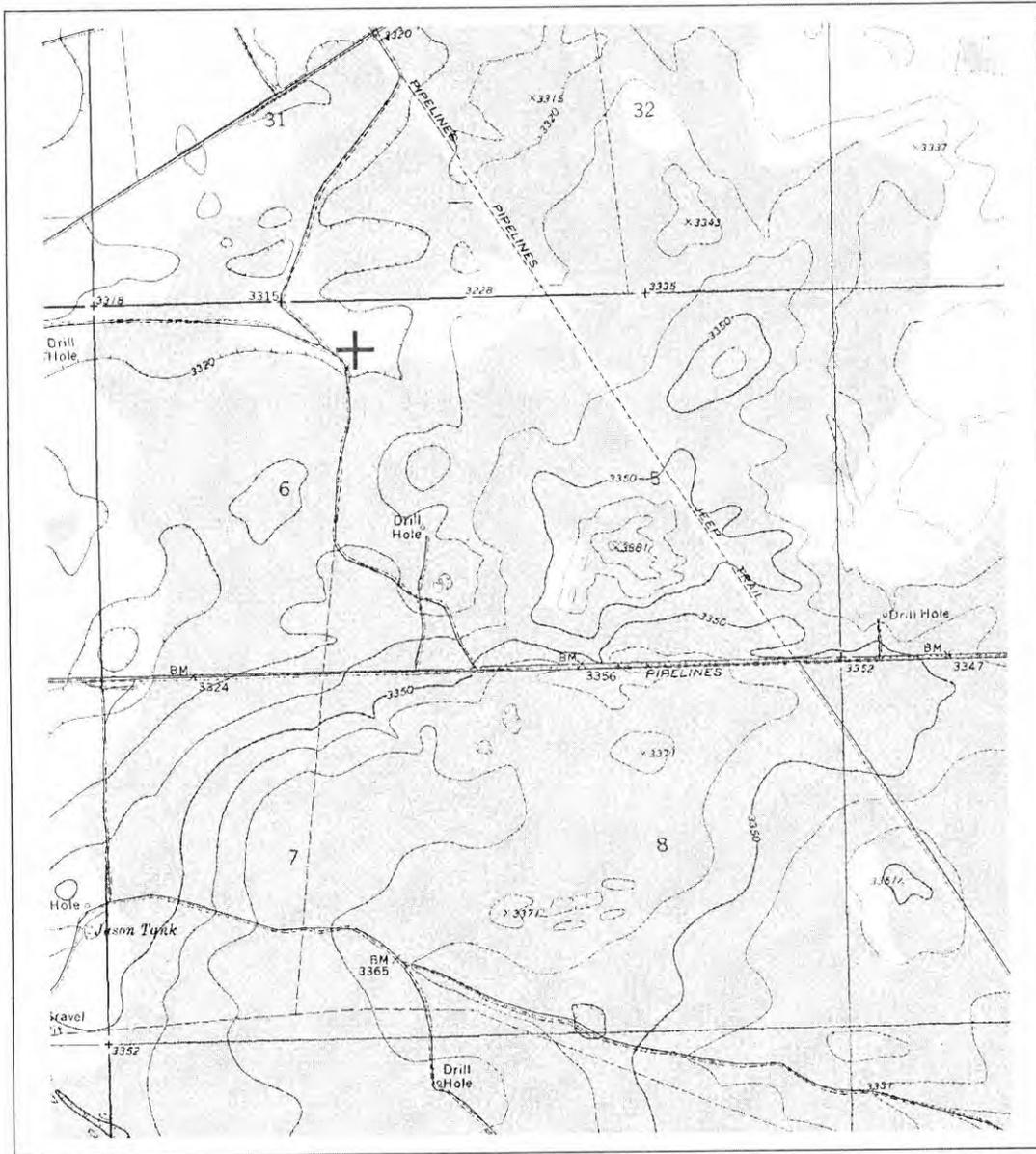
NAD 1983(92) (Meters)                      N: 3,550,028      E: 641,056  
NAD 1983(92) (Survey Feet)              N: 11,647,051    E: 2,103,197  
NAD 1927 (Meters)                        N: 3,549,827      E: 641,103  
NAD 1927 (Survey Feet)                  N: 11,646,391    E: 2,103,353

**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

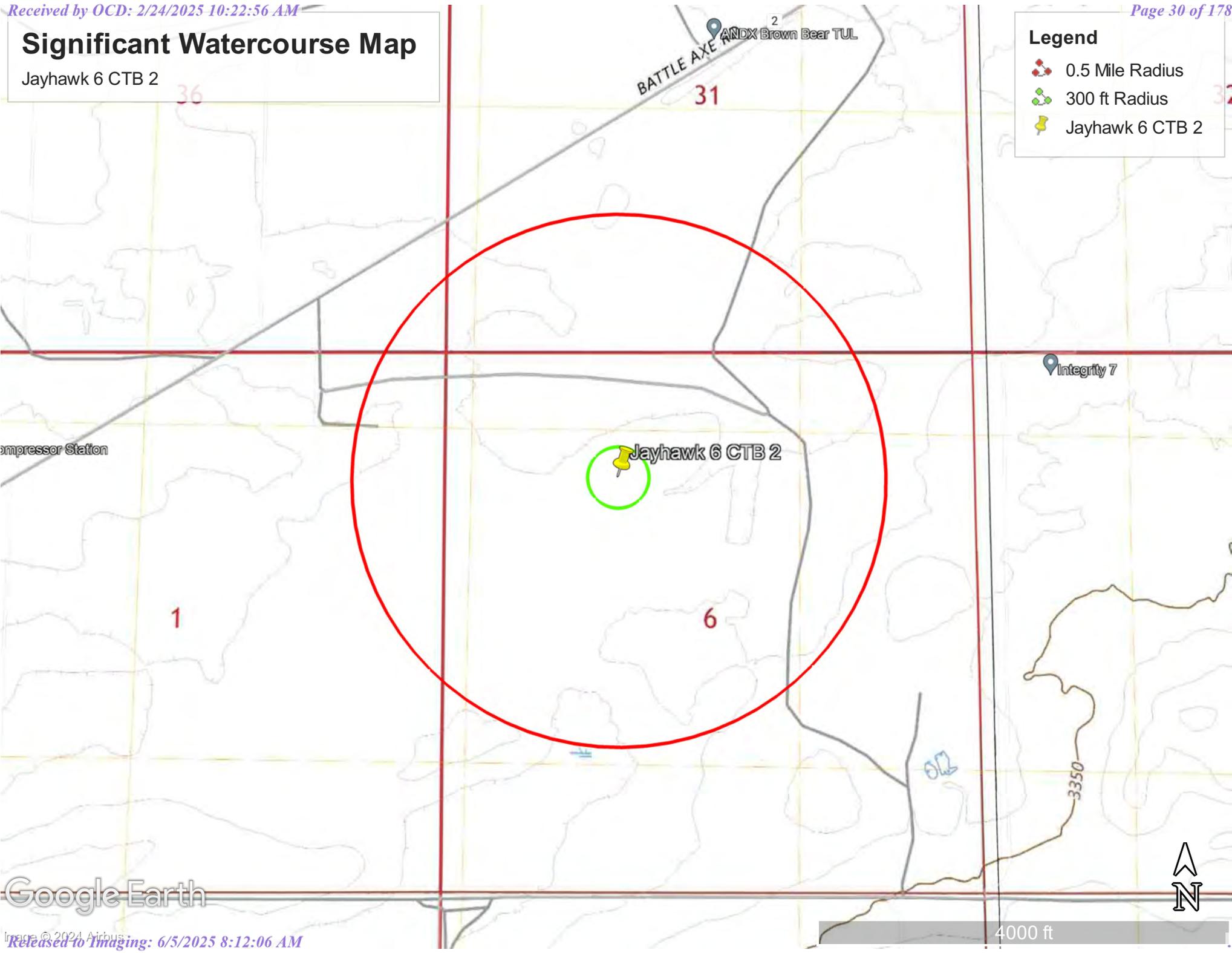
GW Basin: Carlsbad

# Significant Watercourse Map

Jayhawk 6 CTB 2

**Legend**

-  0.5 Mile Radius
-  300 ft Radius
-  Jayhawk 6 CTB 2



Legend Basemap Query

1:9,028

Legend

All Layers On/Off  
All Layer Transparency

NM Wetlands Mapping and Classification  
NM Wetlands Mapping and Classification

Mapping Status  
In Progress (Only NWI)  
Not Mapped

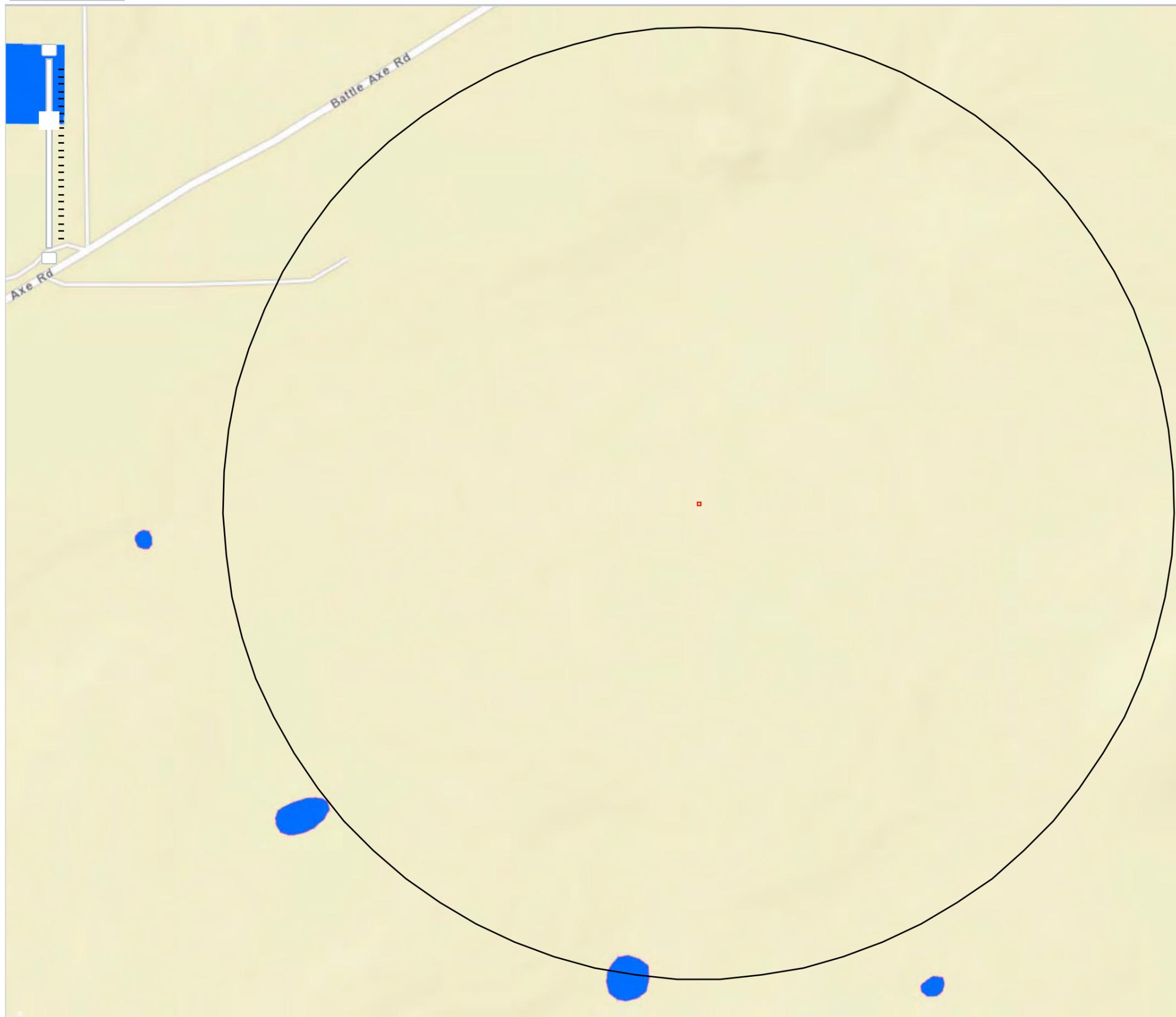
Riparian Habitat  
Hydrogeomorphic Mapping (HGM) Linears  
Riverine

Hydrogeomorphic Mapping (HGM)  
Polygons  
Depressional  
Flats  
Lacustrine Fringe  
Riverine  
Slope

Landscape Position and Water Body (LLWW) Linears  
Lentic (LE)  
Lotic River (LR)  
Lotic Stream (LS)  
Pond (PD)  
River (RV)  
Stream (ST)  
Terrene (TE)

Landscape Position and Water Body (LLWW) Polygons  
Lentic (LE)  
Lake (LK)  
Lotic River (LR)  
Lotic Stream (LS)  
Pond (PD)  
River (RV)  
Stream (ST)  
Terrene (TE)

Landform (LLWW)  
Basin  
Flat  
Floodplain  
Fringe  
Island  
Slope



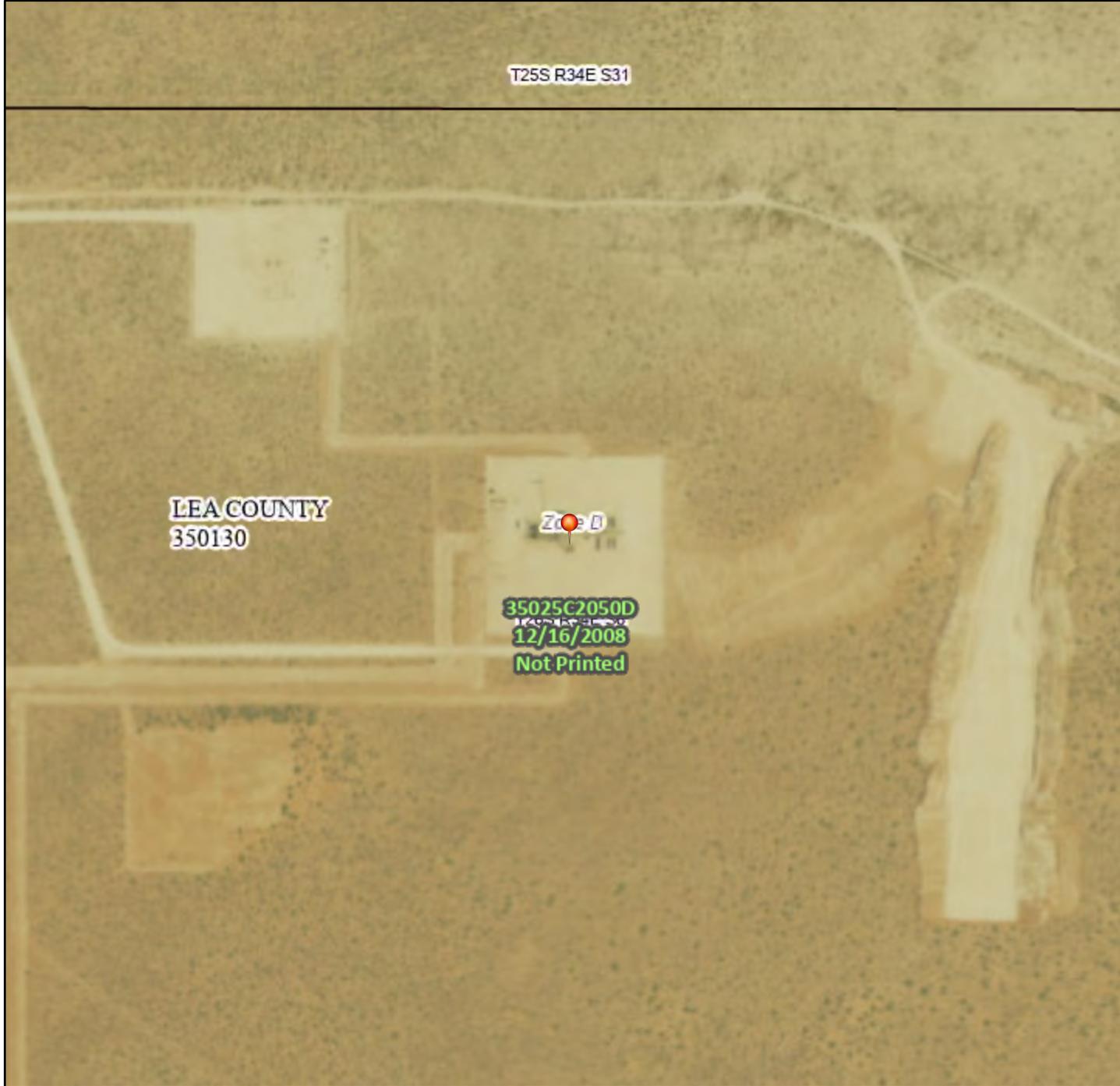
Lon: -103.50678°, Lat: 32.07527°

0 300 600ft

# National Flood Hazard Layer FIRMette



103°31'2"W 32°4'50"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs

GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

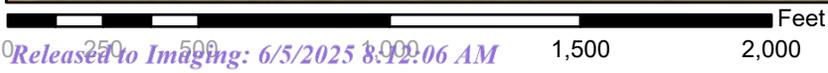


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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.



1:6,000

103°30'24"W 32°4'19"N



# Wetlands Map



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

June 3, 2024

### Wetlands

-  Estuarine and Marine Deepwater
-  Freshwater Emergent Wetland
-  Lake
-  Estuarine and Marine Wetland
-  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**

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# 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

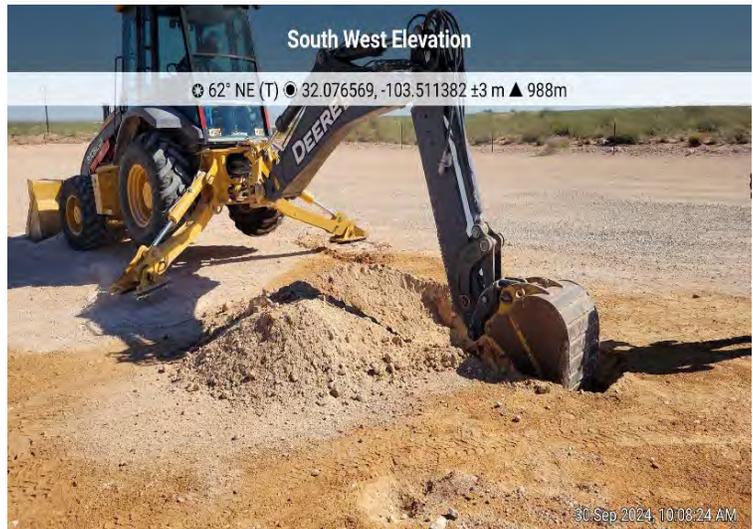
### Jayhawk 6 CTB 2

#### 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

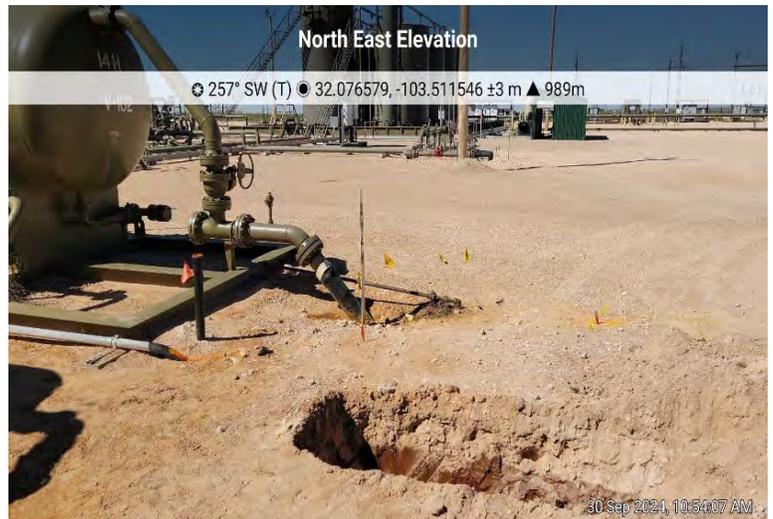


#### Photograph No. 6

**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

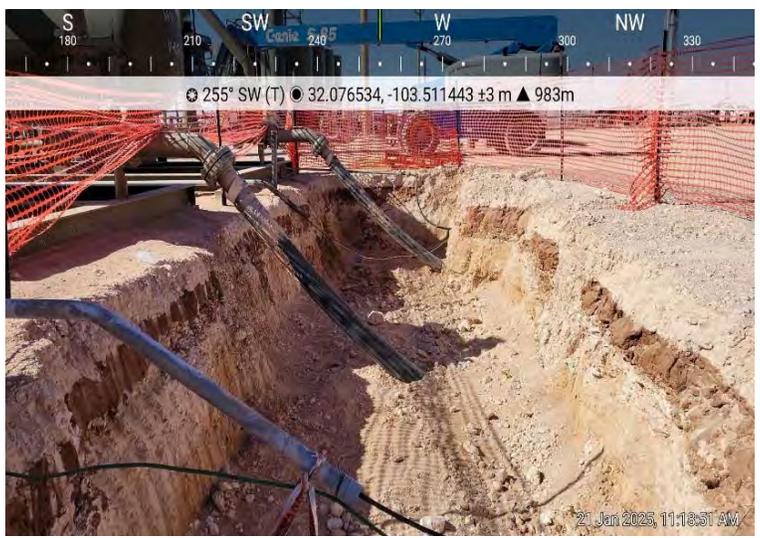


#### Photograph No. 9

**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



**LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**



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

---

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 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	
<b>Toluene*</b>	<b>1.49</b>	0.100	09/12/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
<b>Ethylbenzene*</b>	<b>1.08</b>	0.100	09/12/2024	ND	2.04	102	2.00	12.4	GC-NC1
<b>Total Xylenes*</b>	<b>19.6</b>	0.300	09/12/2024	ND	6.27	105	6.00	13.4	QM-07
<b>Total BTEX</b>	<b>22.1</b>	0.600	09/12/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 193 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6080</b>	16.0	09/12/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1120</b>	10.0	09/11/2024	ND	202	101	200	3.37	QM-07
<b>DRO &gt;C10-C28*</b>	<b>7600</b>	10.0	09/11/2024	ND	187	93.3	200	5.42	QM-07
<b>EXT DRO &gt;C28-C36</b>	<b>1210</b>	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 179 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**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 - 1 ( 1-1.5 ) (H245477-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4560</b>	16.0	09/12/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	202	101	200	3.37	
<b>DRO &gt;C10-C28*</b>	<b>20.5</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 2 ( 0-6 ) (H245477-03)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/12/2024	ND	1.88	94.0	2.00	8.05	
<b>Toluene*</b>	<b>5.03</b>	0.200	09/12/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
<b>Ethylbenzene*</b>	<b>5.62</b>	0.200	09/12/2024	ND	2.04	102	2.00	12.4	GC-NC1
<b>Total Xylenes*</b>	<b>69.2</b>	0.600	09/12/2024	ND	6.27	105	6.00	13.4	
<b>Total BTEX</b>	<b>79.8</b>	1.20	09/12/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 235 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>5480</b>	100	09/12/2024	ND	202	101	200	3.37	
<b>DRO &gt;C10-C28*</b>	<b>30900</b>	100	09/12/2024	ND	187	93.3	200	5.42	
<b>EXT DRO &gt;C28-C36</b>	<b>4570</b>	100	09/12/2024	ND					

Surrogate: 1-Chlorooctane 376 % 48.2-134

Surrogate: 1-Chlorooctadecane 427 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 2 ( 1-1.5 ) (H245477-04)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.12</b>	1.00	09/11/2024	ND	1.88	94.0	2.00	8.05	GC-NC1	
<b>Toluene*</b>	<b>21.2</b>	1.00	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1	
<b>Ethylbenzene*</b>	<b>10.7</b>	1.00	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1	
<b>Total Xylenes*</b>	<b>131</b>	3.00	09/11/2024	ND	6.27	105	6.00	13.4		
<b>Total BTEX</b>	<b>164</b>	6.00	09/11/2024	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	09/11/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>7960</b>	100	09/12/2024	ND	202	101	200	3.37		
<b>DRO &gt;C10-C28*</b>	<b>28700</b>	100	09/12/2024	ND	187	93.3	200	5.42		
<b>EXT DRO &gt;C28-C36</b>	<b>4160</b>	100	09/12/2024	ND						

Surrogate: 1-Chlorooctane 378 % 48.2-134

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:

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 - 3 ( 0-6 ) (H245477-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	ND	1.88	94.0	2.00	8.05	
<b>Toluene*</b>	<b>0.141</b>	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
<b>Ethylbenzene*</b>	<b>0.090</b>	0.050	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1
<b>Total Xylenes*</b>	<b>1.42</b>	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
<b>Total BTEX</b>	<b>1.65</b>	0.300	09/11/2024	ND					GC-NC1

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4000</b>	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>102</b>	10.0	09/11/2024	ND	202	101	200	3.37	
<b>DRO &gt;C10-C28*</b>	<b>5360</b>	10.0	09/11/2024	ND	187	93.3	200	5.42	
<b>EXT DRO &gt;C28-C36</b>	<b>859</b>	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received:	09/10/2024	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 - 3 ( 1-1.5 ) (H245477-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 4 ( 0-6 ) (H245477-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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**Analytical Results For:**

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

Received:	09/10/2024	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 - 4 ( 1-1.5 ) (H245477-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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**Analytical Results For:**

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

Received:	09/10/2024	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 ( 0-6 ) (H245477-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7730</b>	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	202	101	200	3.37	
<b>DRO &gt;C10-C28*</b>	<b>11.7</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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		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*	<0.050	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 % 71.5-134

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 ( 0-6 ) (H245477-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>7.52</b>	1.00	09/11/2024	ND	1.88	94.0	2.00	8.05	GC-NC1
<b>Toluene*</b>	<b>60.6</b>	1.00	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
<b>Ethylbenzene*</b>	<b>16.7</b>	1.00	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1
<b>Total Xylenes*</b>	<b>176</b>	3.00	09/11/2024	ND	6.27	105	6.00	13.4	
<b>Total BTEX</b>	<b>261</b>	6.00	09/11/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>8530</b>	100	09/12/2024	ND	202	101	200	3.37		
<b>DRO &gt;C10-C28*</b>	<b>12600</b>	100	09/12/2024	ND	187	93.3	200	5.42		
<b>EXT DRO &gt;C28-C36</b>	<b>1660</b>	100	09/12/2024	ND						

Surrogate: 1-Chlorooctane 198 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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		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	
<b>Toluene*</b>	<b>0.230</b>	0.050	09/11/2024	ND	1.92	96.2	2.00	11.3	GC-NC1
<b>Ethylbenzene*</b>	<b>0.116</b>	0.050	09/11/2024	ND	2.04	102	2.00	12.4	GC-NC1
<b>Total Xylenes*</b>	<b>1.72</b>	0.150	09/11/2024	ND	6.27	105	6.00	13.4	
<b>Total BTEX</b>	<b>2.07</b>	0.300	09/11/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>67.8</b>	10.0	09/11/2024	ND	202	101	200	3.37	
<b>DRO &gt;C10-C28*</b>	<b>362</b>	10.0	09/11/2024	ND	187	93.3	200	5.42	
<b>EXT DRO &gt;C28-C36</b>	<b>46.6</b>	10.0	09/11/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 1 ( 0-6 ) (H245477-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 2 ( 0-6 ) (H245477-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	ND	202	101	200	3.37	
<b>DRO &gt;C10-C28*</b>	<b>35.9</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 3 ( 0-6 ) (H245477-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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**Analytical Results For:**

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

Received:	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		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	
<b>Toluene*</b>	<b>0.099</b>	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 5 ( 0-6 ) (H245477-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/10/2024	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 - 6 ( 0-6 ) (H245477-18)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 7 ( 0-6 ) (H245477-19)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/10/2024	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 - 8 ( 0-6 ) (H245477-20)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5400	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 9 ( 0-6 ) (H245477-21)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/10/2024	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 - 10 ( 0-6 ) (H245477-22)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/11/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>UTGE</b>			<b>BILL TO</b>			<b>ANALYSIS REQUEST</b>						
Project Manager: <b>Ethan Sessums</b>			P.O. #: <b>21406179</b>									
Address: <b>209 West McKay St</b>			Company: <b>Devon</b>									
City: <b>Carlsbad</b>		State: <b>NM</b>	Zip: <b>88270</b>									
Phone #:		Fax #:		Attn:								
Project #: <b>N/A</b>		Project Owner: <b>Devon</b>										
Project Name: <b>Jayhawk 6 CTBZ</b>			Address:									
Project Location: <b>Dea County</b>			City:									
Sampler Name: <b>Clayton T, Tyler K</b>			State: Zip:									
FOR LAB USE ONLY			PRESERV.			DATE						
			MATRIX			TIME						
			GROUNDWATER			<b>BTEX</b> <b>TPH</b> <b>Chloride</b>						
			WASTEWATER									
			SOIL									
			OIL									
			SLUDGE									
			OTHER:									
			ACID/BASE:									
			ICE / COOL									
			OTHER:									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		DATE		TIME		
<b>H245477</b>		<b>V-1 (0-6)</b>		<b>6</b>		<b>1</b>		<b>9/10</b>				
<b>10-99065130</b>		<b>V-1 (1-1.5)</b>										
		<b>V-2 (0-6)</b>										
		<b>V-2 (1-1.5)</b>										
		<b>V-3 (0-6)</b>										
		<b>V-3 (1-1.5)</b>										
		<b>V-4 (0-6)</b>										
		<b>V-4 (1-1.5)</b>										
		<b>V-5 (0-6)</b>										
		<b>V-5 (1-1.5)</b>										

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Relinquished By:	Date: <b>9/10</b>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
Relinquished By:	Date: <b>9/10</b>	Received By:	All Results are emailed. Please provide Email address:		
Relinquished By:	Date: <b>9/10</b>	Received By:	REMARKS:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <b>-0.12</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) 	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
	Corrected Temp. °C: <b>-0.72</b>	<input type="checkbox"/> No <input type="checkbox"/> No		Thermometer ID #140 Correction Factor -0.6°C	Corrected Temp. °C

FORM-600 R 3.3 06/03/24

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



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>NTGE</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																																																																																					
Project Manager: <b>Ethan Sessums</b>		P.O. #: <b>21406179</b>		<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																																																					
Address: <b>209 West McKay St</b>		Company: <b>Devon</b>																																																																																							
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn:																																																																																							
Phone #: Fax #:		Address:																																																																																							
Project #: <b>N/A</b> Project Owner: <b>Devon</b>		City:																																																																																							
Project Name: <b>Jayhawk 6 CTBZ</b>		State: Zip:																																																																																							
Project Location: <b>Lea County</b>		Phone #:																																																																																							
Sampler Name: <b>Clayton T, Tyler K</b>		Fax #:																																																																																							
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																																																																																			
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME																																																																											
<b>H245477</b>	<b>V-6 (0-6)</b>	<b>6</b>	<b>6</b>			<b>X</b>							<b>9/10</b>																																																																												
<b>11</b>	<b>V-6 (1-1.5)</b>																																																																																								
<b>12</b>	<b>H-1 (0-6)</b>																																																																																								
<b>13</b>	<b>H-2 (0-6)</b>																																																																																								
<b>14</b>	<b>H-3 (6-6)</b>																																																																																								
<b>15</b>	<b>H-4 (0-6)</b>																																																																																								
<b>16</b>	<b>H-5 (0-6)</b>																																																																																								
<b>17</b>	<b>H-6 (0-6)</b>																																																																																								
<b>18</b>	<b>H-7 (0-6)</b>																																																																																								
<b>19</b>	<b>H-8 (0-6)</b>																																																																																								
<b>20</b>	<b>H-8 (0-6)</b>																																																																																								

**BTEX**  
**TPH**  
**Chloride**

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Relinquished By:	Date: <b>9/10</b>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: <b>1330</b>	Received By:	All Results are emailed. Please provide Email address:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <b>-0.1c</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <b>SK</b>	REMARKS:
	Corrected Temp. °C: <b>-0.7c</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
			Thermometer ID #140 Correction Factor -0.8°C	Corrected Temp. °C

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





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

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/30/2024	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		Analyzed 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	
<b>Toluene*</b>	<b>0.210</b>	0.050	10/01/2024	ND	2.26	113	2.00	3.20	GC-NC1
<b>Ethylbenzene*</b>	<b>0.293</b>	0.050	10/01/2024	ND	2.49	125	2.00	6.32	GC-NC1
<b>Total Xylenes*</b>	<b>4.65</b>	0.150	10/01/2024	ND	7.62	127	6.00	7.78	GC-NC1
<b>Total BTEX</b>	<b>5.15</b>	0.300	10/01/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1840</b>	16.0	10/01/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>163</b>	10.0	10/01/2024	ND	206	103	200	0.00581	
<b>DRO &gt;C10-C28*</b>	<b>2170</b>	10.0	10/01/2024	ND	197	98.4	200	3.85	
<b>EXT DRO &gt;C28-C36</b>	<b>432</b>	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/30/2024	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 2' (H245921-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	10/01/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	206	103	200	0.00581	
<b>DRO &gt;C10-C28*</b>	<b>63.4</b>	10.0	10/01/2024	ND	197	98.4	200	3.85	
<b>EXT DRO &gt;C28-C36</b>	<b>28.2</b>	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 3' (H245921-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>416</b>	16.0	10/01/2024	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	ND	206	103	200	0.00581	
<b>DRO &gt;C10-C28*</b>	<b>15.5</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/30/2024	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		Analyzed 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	
<b>Toluene*</b>	<b>0.624</b>	0.050	10/02/2024	ND	2.26	113	2.00	3.20	GC-NC1
<b>Ethylbenzene*</b>	<b>0.702</b>	0.050	10/02/2024	ND	2.49	125	2.00	6.32	GC-NC1
<b>Total Xylenes*</b>	<b>10.4</b>	0.150	10/02/2024	ND	7.62	127	6.00	7.78	GC-NC1
<b>Total BTEX</b>	<b>11.7</b>	0.300	10/02/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	10/01/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>411</b>	10.0	10/01/2024	ND	206	103	200	0.00581	
<b>DRO &gt;C10-C28*</b>	<b>4500</b>	10.0	10/01/2024	ND	197	98.4	200	3.85	
<b>EXT DRO &gt;C28-C36</b>	<b>973</b>	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		Analyzed 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	
<b>Total Xylenes*</b>	<b>0.300</b>	0.150	10/01/2024	ND	7.62	127	6.00	7.78	GC-NC1
<b>Total BTEX</b>	<b>0.300</b>	0.300	10/01/2024	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	10/01/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>31.9</b>	10.0	10/01/2024	ND	206	103	200	0.00581	
<b>DRO &gt;C10-C28*</b>	<b>372</b>	10.0	10/01/2024	ND	197	98.4	200	3.85	
<b>EXT DRO &gt;C28-C36</b>	<b>117</b>	10.0	10/01/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/30/2024	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 3' (H245921-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/01/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/30/2024	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 - 3 1' (H245921-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 3 2' (H245921-08)**

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	10/01/2024	ND	2.06	103	2.00	2.66		
<b>Toluene*</b>	<b>0.156</b>	0.050	10/01/2024	ND	2.26	113	2.00	3.20	GC-NC1	
<b>Ethylbenzene*</b>	<b>0.176</b>	0.050	10/01/2024	ND	2.49	125	2.00	6.32	GC-NC1	
<b>Total Xylenes*</b>	<b>2.59</b>	0.150	10/01/2024	ND	7.62	127	6.00	7.78	GC-NC1	
<b>Total BTEX</b>	<b>2.92</b>	0.300	10/01/2024	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 149 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>3400</b>	16.0	10/01/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>201</b>	10.0	10/01/2024	ND	206	103	200	0.00581		
<b>DRO &gt;C10-C28*</b>	<b>2470</b>	10.0	10/01/2024	ND	197	98.4	200	3.85		
<b>EXT DRO &gt;C28-C36</b>	<b>553</b>	10.0	10/01/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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**Analytical Results For:**

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

Received:	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 - 3 3' (H245921-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/01/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 4 1' (H245921-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 4 2' (H245921-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/30/2024	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 - 4 3' (H245921-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	10/01/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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: H 6 - A 0-6" (H245921-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/01/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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**Analytical Results For:**

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

Received:	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: H 7 - A 0-6" (H245921-14)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/01/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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**Analytical Results For:**

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

Received:	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: H 8 - A 0-6" (H245921-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/01/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/01/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>NTGE</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: <b>Ethan Sessums</b>		P.O. #: <b>21352959</b>							
Address: <b>209 West McKay St</b>		Company: <b>Devon</b>							
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn:							
Phone #: _____ Fax #: _____		Address:							
Project #: <b>248769</b> Project Owner: <b>Devon</b>		City:							
Project Name: <b>Jayhawk 6 CTB 2 2nd spill</b>		State: _____ Zip: _____							
Project Location: <b>Lea County</b>		Phone #: _____							
Sampler Name: <b>Clayton T</b>		Fax #: _____							

FOR LAB USE ONLY		Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME	BTEX	TPH	Chloride
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER						
		H245921																		
		1	TP-1	1'	6			X							9	30				
		2	TP-1	2'																
		3	TP-1	3'																
		4	TP-2	1'																
		5	TP-2	2'																
		6	TP-2	3'																
		7	TP-3	1'																
		8	TP-3	2'																
		9	TP-3	3'																
		10	TP-4	1'																

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 consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: <b>9/30</b>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: <b>1:39</b>	Received By:	All Results are emailed. Please provide Email address:
Relinquished By:	Date: <b>9-30-24</b>	Received By:	REMARKS:
Relinquished By:	Time: <b>1343</b>	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <b>35</b> Corrected Temp. °C: <b>29.2</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush
FORM-000 R 3.3 06/03/24	CHECKED BY: (Initials) <b>PP</b>	Thermometer ID #140 Correction Factor -0.6°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>NTGE</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: <b>Ethan Sessums</b>		P.O. #: <b>21352959</b>							
Address: <b>209 West McKay St</b>		Company: <b>Devon</b>							
City: <b>Carksbael</b> State: <b>NM</b> Zip: <b>88220</b>		Attn:							
Phone #: _____ Fax #: _____		Address:							
Project #: <b>248769</b> Project Owner: <b>Devon</b>		City:							
Project Name: <b>Jayhawk 6 CTB 2 2nd Spill</b>		State: _____ Zip: _____							
Project Location: <b>Lea County</b>		Phone #: _____		<div style="display: flex; justify-content: space-around; font-size: 2em;"> <span>BTEX</span> <span>TPH</span> <span>Chloride</span> </div>					
Sampler Name: <b>Clayton</b>		Fax #: _____							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	DATE
H245921												
11	TP-4 2'	G	1			X				9/30		
12	TP-4 3'											
13	H6-A 0-6"											
14	H7-A 0-6"											
15	H8-A 0-6"											

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Relinquished By:	Date: <b>9/30</b>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: <b>1:39</b>	Received By:	All Results are emailed. Please provide Email address:
Relinquished By:	Date: <b>9/30/24</b>	Received By:	REMARKS:
Relinquished By:	Time: <b>1:43</b>	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <b>35.0</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
Corrected Temp. °C <b>29.2</b>	CHECKED BY: (Initials) <b>AP</b>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID #140 Correction Factor -0.6°C

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



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

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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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/30/2024	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		

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	11/01/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2024	ND	197	98.6	200	2.23	
<b>DRO &gt;C10-C28*</b>	<b>98.2</b>	10.0	11/01/2024	ND	177	88.4	200	4.35	
<b>EXT DRO &gt;C28-C36</b>	<b>18.3</b>	10.0	11/01/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/30/2024	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		

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/01/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>NTGIE</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>										
Project Manager: <b>Ethan Sessums</b>		P.O. #: <b>21406728</b>												
Address: <b>209 West McKay St</b>		Company: <b>Devon</b>												
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn:												
Phone #: Fax #:		Address:												
Project #: <b>248769</b> Project Owner:		City:												
Project Name: <b>Jayhawk 6 CTB 2 (2nd Spill)</b>		State: Zip:												
Project Location: <b>Lea County</b>		Phone #:												
Sampler Name: <b>Clayton T</b>		Fax #:												
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING								
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME
<b>H244613</b>	<b>TP-2 4'</b>	<b>6</b>	<b>1</b>			<b>XX</b>							<b>10/30</b>	
<b>2</b>	<b>TP-2 5'</b>	<b>6</b>	<b>1</b>			<b>XX</b>							<b>10/30</b>	

**BTEX**  
**TPH**  
**Chloride**

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Relinquished By:	Date: <b>10/30</b>	Received By: <b>S Rodriquez</b>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <b>1.8</b> Corrected Temp. °C <b>1.2</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <b>SR</b>
		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No

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



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

---

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	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		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	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
<b>DRO &gt;C10-C28*</b>	<b>15.8</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 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 - 2 (H250350-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>400</b>	16.0	01/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13		
<b>DRO &gt;C10-C28*</b>	<b>38.5</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 3 (H250350-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
<b>DRO &gt;C10-C28*</b>	<b>46.2</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 4 (H250350-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1220</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
<b>DRO &gt;C10-C28*</b>	<b>866</b>	10.0	01/23/2025	ND	182	90.9	200	10.3	
<b>EXT DRO &gt;C28-C36</b>	<b>139</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		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	2.20	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>8800</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
<b>DRO &gt;C10-C28*</b>	<b>117</b>	10.0	01/23/2025	ND	182	90.9	200	10.3	
<b>EXT DRO &gt;C28-C36</b>	<b>14.5</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 6 (H250350-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1460</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
<b>DRO &gt;C10-C28*</b>	<b>185</b>	10.0	01/23/2025	ND	182	90.9	200	10.3	
<b>EXT DRO &gt;C28-C36</b>	<b>17.0</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 7 (H250350-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	188	93.9	200	9.13	
<b>DRO &gt;C10-C28*</b>	<b>31.4</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 8 (H250350-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		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	2.20	110	2.00	2.41	
Toluene*	<0.050	0.050	01/24/2025	ND	2.27	113	2.00	2.13	
<b>Ethylbenzene*</b>	<b>0.055</b>	0.050	01/24/2025	ND	2.46	123	2.00	2.04	GC-NC1
<b>Total Xylenes*</b>	<b>0.797</b>	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
<b>Total BTEX</b>	<b>0.852</b>	0.300	01/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>9800</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>80.4</b>	10.0	01/23/2025	ND	188	93.9	200	9.13		
<b>DRO &gt;C10-C28*</b>	<b>8390</b>	10.0	01/23/2025	ND	182	90.9	200	10.3		
<b>EXT DRO &gt;C28-C36</b>	<b>1190</b>	10.0	01/23/2025	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 185 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		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	
<b>Toluene*</b>	<b>0.901</b>	0.050	01/24/2025	ND	2.27	113	2.00	2.13	GC-NC1
<b>Ethylbenzene*</b>	<b>0.881</b>	0.050	01/24/2025	ND	2.46	123	2.00	2.04	GC-NC1
<b>Total Xylenes*</b>	<b>15.0</b>	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
<b>Total BTEX</b>	<b>16.8</b>	0.300	01/24/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 291 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2400</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1060</b>	100	01/24/2025	ND	220	110	200	2.10	QM-07, QR-03
<b>DRO &gt;C10-C28*</b>	<b>36800</b>	100	01/24/2025	ND	197	98.3	200	3.93	QM-07
<b>EXT DRO &gt;C28-C36</b>	<b>6450</b>	100	01/24/2025	ND					

Surrogate: 1-Chlorooctane 367 % 48.2-134

Surrogate: 1-Chlorooctadecane 675 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 11 (H250350-11)**

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	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	
<b>Total Xylenes*</b>	<b>0.335</b>	0.150	01/24/2025	ND	7.57	126	6.00	2.04	
<b>Total BTEX</b>	<b>0.335</b>	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>272</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>154</b>	50.0	01/24/2025	ND	220	110	200	2.10	S-06
<b>DRO &gt;C10-C28*</b>	<b>16000</b>	50.0	01/24/2025	ND	197	98.3	200	3.93	S-06
<b>EXT DRO &gt;C28-C36</b>	<b>2660</b>	50.0	01/24/2025	ND					S-06

Surrogate: 1-Chlorooctane 148 % 48.2-134

Surrogate: 1-Chlorooctadecane 300 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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)**

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	01/24/2025	ND	2.20	110	2.00	2.41		
<b>Toluene*</b>	<b>0.063</b>	0.050	01/24/2025	ND	2.27	113	2.00	2.13	GC-NC1	
<b>Ethylbenzene*</b>	<b>0.213</b>	0.050	01/24/2025	ND	2.46	123	2.00	2.04	GC-NC1	
<b>Total Xylenes*</b>	<b>3.55</b>	0.150	01/24/2025	ND	7.57	126	6.00	2.04		
<b>Total BTEX</b>	<b>3.82</b>	0.300	01/24/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 170 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>8160</b>	16.0	01/24/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>361</b>	100	01/24/2025	ND	220	110	200	2.10	S-06	
<b>DRO &gt;C10-C28*</b>	<b>21500</b>	100	01/24/2025	ND	197	98.3	200	3.93	S-06	
<b>EXT DRO &gt;C28-C36</b>	<b>3670</b>	100	01/24/2025	ND					S-06	

Surrogate: 1-Chlorooctane 150 % 48.2-134

Surrogate: 1-Chlorooctadecane 367 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		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	2.20	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5320</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>2470</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>514</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 14 (H250350-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4160</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>1360</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>288</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 15 (H250350-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>976</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>286</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>63.7</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 16 (H250350-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>512</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>625</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>158</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 17 (H250350-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>18000</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>87.5</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>16.2</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		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	2.20	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>21400</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>81.2</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>14.2</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 19 (H250350-19)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>20800</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>623</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>156</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 20 (H250350-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>18000</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>101</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>21.3</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 21 (H250350-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32800</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>21.7</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 22 (H250350-22)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>41600</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>66.2</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>10.2</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 23 (H250350-23)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 24 (H250350-24)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	52400	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 1 (H250350-25)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	01/24/2025	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>47.4</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 2 (H250350-26)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/24/2025	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>384</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>132</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>12.9</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 4 (H250350-28)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 5 (H250350-29)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2160</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>29.7</b>	10.0	01/23/2025	ND	220	110	200	2.10	
<b>DRO &gt;C10-C28*</b>	<b>1840</b>	10.0	01/23/2025	ND	197	98.3	200	3.93	
<b>EXT DRO &gt;C28-C36</b>	<b>314</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 6 (H250350-30)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2960</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	199	99.5	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>283</b>	10.0	01/23/2025	ND	193	96.7	200	0.639	
<b>EXT DRO &gt;C28-C36</b>	<b>44.4</b>	10.0	01/23/2025	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 7 (H250350-31)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 8 (H250350-32)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6160</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 9 (H250350-33)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>9200</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	199	99.5	200	2.72	
<b>DRO &gt;C10-C28*</b>	<b>13.7</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 10 (H250350-34)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 - 11 (H250350-35)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	01/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2025	ND	201	101	200	0.943	
<b>DRO &gt;C10-C28*</b>	<b>66.6</b>	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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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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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>NTGE</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
Project Manager: <b>Ethan Sessums</b>		P.O. #: <b>21406728</b>											
Address: <b>209 West McKay St</b>		Company: <b>Devon</b>											
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn:											
Phone #: Fax #:		Address:											
Project #: <b>248769</b> Project Owner: <b>Devon</b>		City:											
Project Name: <b>Jayhawk 6 CTB 2</b>		State: Zip:											
Project Location: <b>Lea County</b>		Phone #:											
Sampler Name: <b>Clayton T.</b>		Fax #:											

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	P (GRAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :				
	H350350	CS-1	1			X								1/21	10:00	BTEX
		CS-2	1													TPH
		CS-3	1													Chloride
		CS-4	1													
		CS-5	1													
		CS-6	1													
		CS-7	1													
		CS-8	1													
		CS-9	1													
		CS-10	1													

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Relinquished By:	Date: <b>1/21</b>	Received By: <b>apana</b>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
Time: <b>12:56</b>			All Results are emailed. Please provide Email address:		
Relinquished By:	Date: <b>1/21/25</b>	Received By:	REMARKS:		
Time: <b>1:00</b>					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <b>412</b> Corrected Temp. °C <b>352</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <b>ADD</b>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
				Thermometer ID #140 Correction Factor -0.6°C	Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>NTGE</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>													
Project Manager: <b>Ethan Sessums</b>		P.O. #: <b>21406728</b>															
Address: <b>209 West McKay St</b>		Company: <b>Devon</b>															
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn:															
Phone #: Fax #:		Address:															
Project #: <b>248769</b> Project Owner: <b>Devon</b>		City:															
Project Name: <b>Jayhawk 6 CTB 2</b>		State: Zip:															
Project Location: <b>Lea County</b>		Phone #:															
Sampler Name: <b>Clayton T.</b>		Fax #:															
FOR LAB USE ONLY		C (GRAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV			SAMPLING		DATE	TIME	BTEX	TPH	Chloride
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:						
<b>HASD350</b>																	
<b>31</b>	<b>SW-7</b>			X													
<b>32</b>	<b>SW-8</b>																
<b>33</b>	<b>SW-9</b>																
<b>34</b>	<b>SW-10</b>																
<b>35</b>	<b>SW-11</b>																

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Relinquished By:	Date: <b>1/21</b>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
	Time: <b>12:57</b>		All Results are emailed. Please provide Email address:		
Relinquished By:	Date: <b>1/21/25</b>	Received By:	REMARKS:		
	Time: <b>1:00</b>				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <b>4.1</b>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <b>AP</b>	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
	Corrected Temp. °C: <b>3.5</b>			Thermometer ID #140 Correction Factor -0.6°C	Corrected Temp. °C

FORM 006 R 3.0 08/03/24

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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 [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B      Total Coliform and E. coli (Colilert MMO-MUG)  
Method EPA 524.2      Regulated VOCs and Total Trihalomethanes (TTHM)  
Method EPA 552.2      Total Haloacetic Acids (HAA-5)

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

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

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: JAYHAWK 6 CTB 2 Project Number: 248769 Project Manager: ETHAN SESSUMS Fax To:	Reported: 11-Feb-25 15:47
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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.

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

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
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**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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**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
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**CS - 5  
H250741-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
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**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)			92.9 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	
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Surrogate: 1-Chlorooctadecane			121 %	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:	Reported: 11-Feb-25 15:47
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**CS - 6  
H250741-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-CI-B	
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**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)			94.4 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	
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Surrogate: 1-Chlorooctadecane			116 %	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:	Reported: 11-Feb-25 15:47
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**CS - 8  
H250741-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-CI-B	
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**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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	

<i>Surrogate: 1-Chlorooctane</i>			110 %	48.2-134		5020642	MS	07-Feb-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			123 %	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:	Reported: 11-Feb-25 15:47
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**CS - 25**

**H250741-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-CI-B	
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**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	
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**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	
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Surrogate: 1-Chlorooctadecane			119 %	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:	Reported: 11-Feb-25 15:47
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**SW - 3A  
H250741-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-CI-B	
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**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)			93.3 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	
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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:	Reported: 11-Feb-25 15:47
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**SW - 5A  
H250741-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
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**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)			93.0 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	
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Surrogate: 1-Chlorooctadecane			88.5 %	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
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**SW - 8A  
H250741-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-CI-B	
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**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	
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**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			90.0 %	48.2-134		5020713	MS	07-Feb-25	8015B	
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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
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**SW - 12**

**H250741-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
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**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	JH	07-Feb-25	8021B	
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**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			104 %	48.2-134		5020713	MS	07-Feb-25	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	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
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**SW - 13**

**H250741-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-Cl-B	
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**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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	

<i>Surrogate: 1-Chlorooctane</i>			99.1 %	48.2-134		5020713	MS	07-Feb-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			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:	Reported: 11-Feb-25 15:47
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**SW - 14  
H250741-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-CI-B	
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**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)			94.7 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	
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Surrogate: 1-Chlorooctadecane			92.4 %	49.1-148		5020713	MS	07-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: JAYHAWK 6 CTB 2 Project Number: 248769 Project Manager: ETHAN SESSUMS Fax To:	Reported: 11-Feb-25 15:47
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**SW - 15  
H250741-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5020736	HM	07-Feb-25	4500-CI-B	
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**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)			93.8 %	71.5-134		5020701	JH	07-Feb-25	8021B	
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**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	
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Surrogate: 1-Chlorooctadecane			95.2 %	49.1-148		5020713	MS	07-Feb-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: JAYHAWK 6 CTB 2 Project Number: 248769 Project Manager: ETHAN SESSUMS Fax To:	Reported: 11-Feb-25 15:47
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**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

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

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

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5020701 - Volatiles**

**Blank (5020701-BLK1)**

Prepared & Analyzed: 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 & Analyzed: 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 & Analyzed: 07-Feb-25

Benzene	1.85	0.050	mg/kg	2.00		92.7	82.8-130	4.74	15.8	
Toluene	1.94	0.050	mg/kg	2.00		97.1	86-128	4.48	15.9	
Ethylbenzene	1.83	0.050	mg/kg	2.00		91.6	85.9-128	5.39	16	
m,p-Xylene	3.57	0.100	mg/kg	4.00		89.2	89-129	5.57	16.2	
o-Xylene	1.80	0.050	mg/kg	2.00		89.8	86.1-125	5.81	16.7	
Total Xylenes	5.36	0.150	mg/kg	6.00		89.4	88.2-128	5.65	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0453		mg/kg	0.0500		90.5	71.5-134			

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

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5020642 - General Prep - Organics**

<b>Blank (5020642-BLK1)</b>		Prepared: 06-Feb-25 Analyzed: 10-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			

<b>LCS (5020642-BS1)</b>		Prepared: 06-Feb-25 Analyzed: 10-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			

<b>LCS Dup (5020642-BSD1)</b>		Prepared: 06-Feb-25 Analyzed: 07-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**

<b>Blank (5020713-BLK1)</b>		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			
Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	49.1-148			

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

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5020713 - General Prep - Organics**

**LCS (5020713-BS1)**

Prepared & Analyzed: 07-Feb-25

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: 1-Chlorooctadecane	51.7		mg/kg	50.0		103	49.1-148			

**LCS Dup (5020713-BSD1)**

Prepared & Analyzed: 07-Feb-25

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*

Celey D. Keene, Lab Director/Quality Manager

# Chain of Custody



Work Order No: H250741

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Jim Raley
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W. McKay St	Address:	
City, State ZIP:	Carlsbad, New Mexico, 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> Ld <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Jayhawk 6 CTB 2		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes				
Project Number:	248769		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush																
Project Location:	Lea County, New Mexico		Due Date:	48hr	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	None: NO		DI Water: H <sub>2</sub> O								
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																	
PO #:	21406728																			
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:		#140											
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Correction Factor:	C40.3																
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Temperature Reading:	1.3																
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Corrected Temperature:	1.6																
Total Containers:	12																			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont														
CS-4	2/6/2025		x		Comp	1	x	x	x											
CS-5	2/6/2025		x		Comp	1	x	x	x											
CS-6	2/6/2025		x		Comp	1	x	x	x											
CS-8	2/6/2025		x		Comp	1	x	x	x											
CS-25	2/6/2025		x		Comp	1	x	x	x											
SW-3 A *	2/6/2025		x		Comp	1	x	x	x											
SW-5 A	2/6/2025		x		Comp	1	x	x	x											
SW-8 A	2/6/2025		x		Comp	1	x	x	x											
SW-12	2/6/2025		x		Comp	1	x	x	x											
SW-13	2/6/2025		x		Comp	1	x	x	x											

Additional Comments: NMOCD ID: \*Customer requested ID changes to 2/11/25

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	2/6/25 1501			
		6 TO 2/11/25			



# Chain of Custody

Work Order No: H250741

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Jim Raley
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W. McKay St	Address:	
City, State ZIP:	Carlsbad, New Mexico, 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>
State of Project:	
Reporting: Level	<input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other:

Project Name:	Turn Around		ANALYSIS REQUEST										Preservative Codes					
Jayhawk 6 CTB 2	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code													None: NO	DI Water: H <sub>2</sub> O	
Project Number:	248769	Due Date:	48hr	Parameters	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	HOLD									Cool: Cool	MeOH: Me
Project Location:	Lea County, New Mexico	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN
Sampler's Name:	Kenny Han																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
PO #:	21406728																H <sub>3</sub> PO <sub>4</sub> : HP	
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#1110									Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>						
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	1.0-3.0									Zn Acetate+NaOH: Zn						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.3									NaOH+Ascorbic Acid: SAPC						
Total Containers:	12	Corrected Temperature:	1.6									<b>Sample Comments</b>						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont												
11 SW-14	2/6/2025		x		Comp	1	x	x	x									
12 SW-15	2/6/2025		x		Comp	1	x	x	x									

Additional Comments: NMOCD ID:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	2/25/2025			
		6:40:25			



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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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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
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		Analyzed 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		
<b>Toluene*</b>	<b>1.40</b>	1.00	02/08/2025	ND	2.22	111	2.00	2.77		
<b>Ethylbenzene*</b>	<b>1.91</b>	1.00	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1	
<b>Total Xylenes*</b>	<b>38.3</b>	3.00	02/08/2025	ND	6.84	114	6.00	2.54		
<b>Total BTEX</b>	<b>41.6</b>	6.00	02/08/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	02/10/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>2160</b>	100	02/11/2025	ND	192	96.0	200	0.908	QM-07, QR-03	
<b>DRO &gt;C10-C28*</b>	<b>20900</b>	100	02/11/2025	ND	193	96.3	200	0.659	QM-07, QR-03	
<b>EXT DRO &gt;C28-C36</b>	<b>2960</b>	100	02/11/2025	ND						

Surrogate: 1-Chlorooctane 226 % 48.2-134

Surrogate: 1-Chlorooctadecane 344 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 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	
<b>Toluene*</b>	<b>0.238</b>	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
<b>Ethylbenzene*</b>	<b>0.317</b>	0.050	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
<b>Total Xylenes*</b>	<b>5.94</b>	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
<b>Total BTEX</b>	<b>6.50</b>	0.300	02/08/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 201 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	02/10/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>514</b>	10.0	02/10/2025	ND	192	96.0	200	0.908	
<b>DRO &gt;C10-C28*</b>	<b>4970</b>	10.0	02/10/2025	ND	193	96.3	200	0.659	
<b>EXT DRO &gt;C28-C36</b>	<b>761</b>	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 159 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 2-2.5 (H250742-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	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 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	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 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	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 - 2 0-6 (H250742-06)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	02/08/2025	ND	2.14	107	2.00	1.66	
<b>Toluene*</b>	<b>1.39</b>	1.00	02/08/2025	ND	2.22	111	2.00	2.77	
<b>Ethylbenzene*</b>	<b>2.02</b>	1.00	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
<b>Total Xylenes*</b>	<b>36.2</b>	3.00	02/08/2025	ND	6.84	114	6.00	2.54	
<b>Total BTEX</b>	<b>39.6</b>	6.00	02/08/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 143 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	02/10/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>2580</b>	100	02/11/2025	ND	192	96.0	200	0.908	
<b>DRO &gt;C10-C28*</b>	<b>24900</b>	100	02/11/2025	ND	193	96.3	200	0.659	
<b>EXT DRO &gt;C28-C36</b>	<b>3540</b>	100	02/11/2025	ND					

Surrogate: 1-Chlorooctane 271 % 48.2-134

Surrogate: 1-Chlorooctadecane 426 % 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:	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 - 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	
<b>Toluene*</b>	<b>0.309</b>	0.050	02/08/2025	ND	2.22	111	2.00	2.77	
<b>Ethylbenzene*</b>	<b>0.447</b>	0.050	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
<b>Total Xylenes*</b>	<b>8.14</b>	0.150	02/08/2025	ND	6.84	114	6.00	2.54	
<b>Total BTEX</b>	<b>8.90</b>	0.300	02/08/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 225 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</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
<b>GRO C6-C10*</b>	<b>317</b>	10.0	02/10/2025	ND	192	96.0	200	0.908	
<b>DRO &gt;C10-C28*</b>	<b>3620</b>	10.0	02/10/2025	ND	193	96.3	200	0.659	
<b>EXT DRO &gt;C28-C36</b>	<b>601</b>	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 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:	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 - 2 2-2.5 (H250742-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	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 - 2 3-3.5 (H250742-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-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		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 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	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 - 2 4-4.5 (H250742-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 0-6 (H250742-11)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/08/2025	ND	2.14	107	2.00	1.66	
<b>Toluene*</b>	<b>2.23</b>	2.00	02/08/2025	ND	2.22	111	2.00	2.77	
<b>Ethylbenzene*</b>	<b>2.96</b>	2.00	02/08/2025	ND	2.25	113	2.00	2.95	GC-NC1
<b>Total Xylenes*</b>	<b>57.9</b>	6.00	02/08/2025	ND	6.84	114	6.00	2.54	
<b>Total BTEX</b>	<b>63.1</b>	12.0	02/08/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 135 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	02/10/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>2920</b>	100	02/11/2025	ND	192	96.0	200	0.908	
<b>DRO &gt;C10-C28*</b>	<b>25600</b>	100	02/11/2025	ND	193	96.3	200	0.659	
<b>EXT DRO &gt;C28-C36</b>	<b>3590</b>	100	02/11/2025	ND					

Surrogate: 1-Chlorooctane 875 % 48.2-134

Surrogate: 1-Chlorooctadecane 520 % 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:	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 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	
<b>Toluene*</b>	<b>0.428</b>	0.050	02/09/2025	ND	2.22	111	2.00	2.77	
<b>Ethylbenzene*</b>	<b>0.918</b>	0.050	02/09/2025	ND	2.25	113	2.00	2.95	GC-NC1
<b>Total Xylenes*</b>	<b>10.3</b>	0.150	02/09/2025	ND	6.84	114	6.00	2.54	
<b>Total BTEX</b>	<b>11.7</b>	0.300	02/09/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 265 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	02/10/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>402</b>	10.0	02/10/2025	ND	192	96.0	200	0.908	
<b>DRO &gt;C10-C28*</b>	<b>4350</b>	10.0	02/10/2025	ND	193	96.3	200	0.659	
<b>EXT DRO &gt;C28-C36</b>	<b>673</b>	10.0	02/10/2025	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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 2-2.5 (H250742-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		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		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 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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**Analytical Results For:**

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

Received:	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 3-3.5 (H250742-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



# Chain of Custody

Work Order No: H250742

Page 1 of 2

Page 18 of 19

Project Manager:	Ethan Sessums	Bill to: (if different)	Jim Raley
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W. McKay St	Address:	
City, State ZIP:	Carlsbad, New Mexico, 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>
State of Project:	
Reporting Level:	Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code															
Project Location:		Due Date:		Parameters	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	HOLD									None: NO      DI Water: H <sub>2</sub> O		
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool      MeOH: Me		
PO #:																	HCL: HC      HNO <sub>3</sub> : HN		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						Wet Ice:									H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:						Yes <input type="checkbox"/> No <input type="checkbox"/>									H <sub>3</sub> PO <sub>4</sub> : HP	
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	Yes <input type="checkbox"/> No <input type="checkbox"/>									NaHSO <sub>4</sub> : NABIS						
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	Yes <input type="checkbox"/> No <input type="checkbox"/>									Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>						
Total Containers:		Corrected Temperature:		Yes <input type="checkbox"/> No <input type="checkbox"/>									Zn Acetate+NaOH: Zn						
				Yes <input type="checkbox"/> No <input type="checkbox"/>									NaOH+Ascorbic Acid: SAPC						
Sample Identification	FT (bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont												
DV-1	0-6	2/6/2025		X		Grab/	1	X	X	X									
DV-1	1-1.5	2/6/2025		X		Grab/	1	X	X	X									
DV-1	2-2.5	2/6/2025		X		Grab/	1	X	X	X									
DV-1	3-3.5	2/6/2025		X		Grab/	1	X	X	X									
DV-1	4-4.5	2/6/2025		X		Grab/	1	X	X	X									
DV-2	0-6	2/6/2025		X		Grab/	1	X	X	X									
DV-2	1-1.5	2/6/2025		X		Grab/	1	X	X	X									
DV-2	2-2.5	2/6/2025		X		Grab/	1	X	X	X									
DV-2	3-3.5	2/6/2025		X		Grab/	1	X	X	X									
DV-2	4-4.5	2/6/2025		X		Grab/	1	X	X	X									

**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.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2/6/25/1501			



# Chain of Custody

Work Order No: H250742

Page 2 of 2

Page 19 of 19

Project Manager:	Ethan Sessums	Bill to: (if different)	Jim Raley
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W. McKay St	Address:	
City, State ZIP:	Carlsbad, New Mexico, 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input checked="" type="checkbox"/> Super <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> Le <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other:

Project Name:		Jayhawk 6 CTB 2		Turn Around		ANALYSIS REQUEST										Preservative Codes							
Project Number:		248769		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Parameters										None: NO      DI Water: H <sub>2</sub> O							
Project Location:		Lea County, New Mexico		Due Date:		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500										Cool: Cool      MeOH: Me							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm												HOLD		HCL: HC      HNO <sub>3</sub> : HN					
PO #:		21406728																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
SAMPLE RECEIPT		Temp Blank: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: #110														NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor: C+0.30				Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>															
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading: 1.3°C				Zn Acetate+NaOH: Zn															
Total Containers:		15		Corrected Temperature: 1.0°C				NaOH+Ascorbic Acid: SAPC															
Sample Identification	FT (bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments					
11 DV-3	0-6	2/6/2025		X		Grab/	1	X	X	X													
12 DV-3	1-1.5	2/6/2025		X		Grab/	1	X	X	X													
13 DV-3	2-2.5	2/6/2025		X		Grab/	1	X	X	X													
14 DV-3	3-3.5	2/6/2025		X		Grab/	1	X	X	X													
15 DV-3	4-4.5	2/6/2025		X		Grab/	1	X	X	X													

Additional Comments: NMOCD ID:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2-12-25/1501			

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

QUESTIONS

Action 434495

**QUESTIONS**

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**

<b>Prerequisites</b>	
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

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

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
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.

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QUESTIONS, Page 2

Action 434495

**QUESTIONS (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**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

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

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

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

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

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QUESTIONS, Page 3

Action 434495

**QUESTIONS (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**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**  
*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.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	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 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.*

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.*

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QUESTIONS, Page 4

Action 434495

**QUESTIONS (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**

**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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

*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.

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
--	--

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

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QUESTIONS, Page 5

Action 434495

**QUESTIONS (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**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Impacted soils is directly under production flow lines and separators
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	4448
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	659
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 02/24/2025

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QUESTIONS, Page 6

Action 434495

**QUESTIONS (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**

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

**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	<b>No</b>
--	-----------

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CONDITIONS

Action 434495

**CONDITIONS**

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)

**CONDITIONS**

Created By	Condition	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