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April 3, 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 Corporation  
Red Bull 29 CTB 2  
Unit N, Section 29, Township 23S, Range 35E  
Site Coordinates: 32.26943, -103.39078  
Lea County, New Mexico  
Incident ID: nAPP2425341702 & nAPP2426476658

## **Introduction**

On behalf of Devon Energy Production Corporation (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Deferral Request for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for release numbers: nAPP2425341702 & nAPP2426476658– Red Bull 29 CTB 2 (Site). The Site is in Unit Letter N, Section 29, of Township 23 South and Range 35 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.26943° N latitude and 103.39078° 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**

### **Release Incident ID: nAPP2425341702**

Based on the Release Notification C-141 Form, the release was discovered on September 7, 2024, and was due to an equipment failure. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately nine (9) barrels (bbls) of produced water of which zero (0) bbls were recovered for an approximate net loss of nine (9) bbls of produced water.

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Mr. Mike Bratcher  
 April 3, 2025  
 Page 2 of 5

**Release Incident ID: nAPP2426476658**

Based on the Release Notification C-141 Form, the release was discovered on September 20, 2024, and was due to an equipment failure. Upon discovery, the Site was shut-in and repairs were made. The spill resulted in a release of approximately five (5) barrels (bbls) of produced water of which two (2) barrels (bbls) were recovered, resulting in an approximate net loss of three (3) barrels (bbls) of produced water. The release areas are shown on Figure 3 & Figure 3A.

**Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water well (CP-00614 POD-2) within a ½-mile radius of the Site with a recorded groundwater depth of three-hundred and twenty (320) feet below ground surface (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	320

*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 >4ft	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
19.15.29.13 Restoration, Reclamation and Re-Vegetation (<4ft)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg

Notes:  
 --- = not defined

**Initial Soil Delineation Assessment Summary and Findings**

On September 13, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site from release nAPP2425341702. Three (3) vertical sample points (V-1 through V-3) were installed within the release area, while five (5) horizontal sample points (H-1 through H-5) were installed. NTGE Project No.: 249136



Mr. Mike Bratcher  
April 3, 2025  
Page 3 of 5

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) foot (ft) intervals from depths ranging from zero (0) to nine and a half (9.5) ft below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox<sup>®</sup> and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, stored on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (method SM4500Cl-B). Analytical results indicated Chloride concentrations were above NMOCD standards for 19.15.29.13 for reclamation at V-1 from surface to two and a half (2.5) ft bgs, V-2 and V-3 from surface to three and a half (3.5) ft bgs. Furthermore, TPH concentrations were above NMOCD standards for V-1 at surface to half a foot (0-0.5) ft bgs. All other analytes were below NMOCD standards.

On September 24, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site from release nAPP2426476658. Two (2) vertical sample points (V-1 and V-2) were installed within the release area, while six (6) horizontal sample points (H-1 through H-6) 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) foot (ft) intervals from depths ranging from zero (0) to eight and a half (8.5) ft below ground surface (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 samples containers, stored on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (method SM4500Cl-B). Analytical results indicated chloride concentrations were above NMOCD standards for V-1 from surface to six and a half (6.5) ft bgs, and V-2 from surface to three and half (3.5) ft bgs. Additionally, TPH concentrations were above NMOCD standards for V-1 at surface to half a foot (0-0.5) ft bgs. All other analytes were below NMOCD standards.

Analytical results are included in Table 1 for the two releases, while soil boring locations are shown on Figure 3 & Figure 3A. The 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 data, for release incident ID nAPP2425341702, Devon contracted a contractor to excavate the areas of V-1 to a depth of three (3) ft bgs and V-3 to a depth of four (4) ft bgs to ensure that the impacted soil has been removed from the Site.

In addition, after receiving and evaluating the soil boring data, for release incident ID nAPP2426476658 Devon contracted a contractor to excavate the areas of V-1 to a depth of two (2) ft bgs and V-2 to a depth of four (4) ft bgs to ensure that the impacted soil has been removed from the Site.

On February 14, 2025, NTGE was onsite to collect confirmation samples associated with release ID nAPP2425341702, which occurred on September 7, 2024. A total of four (4) composite base confirmation samples (CS-1 to CS-4) and five (5) composite sidewall samples (SW-1 to SW-5)

NTGE Project No.: 249136



Mr. Mike Bratcher  
April 3, 2025  
Page 4 of 5

were collected. Analytical results indicated that three (3) sidewall samples (SW-3 to SW-5) exhibited chloride concentrations above NMOCD closure criteria. All other samples were below NMOCD regulatory limits.

On February 14, 2025, NTGE was onsite to collect confirmation samples associated with release ID nAPP2426476658, which occurred on September 20, 2024. A total of three (3) composite base confirmation samples (CS-1 to CS-3) and seven (7) composite sidewall samples (SW-1 to SW-7) were collected. Analytical results indicated that one (1) base sample (CS-1) and four (4) sidewall samples (SW-1 to SW-4) exhibited chloride concentrations above NMOCD closure criteria. All other samples were below NMOCD regulatory limits.

On March 11, 2025, Devon obtained a thirty (30) day extension from the NMOCD due to pending return of lab analytics and to accommodate potential additional excavation and preparation of the associated report.

Confirmation samples were taken as a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Samples were placed directly into laboratory provided sample containers, stored on ice, and transported under chain-of-custody protocol to Cardinal laboratory, in Hobbs, New Mexico and analyzed for BTEX, TPH, and chloride. Analytical results are included in Table 2, while confirmation sampling locations are shown on Figure 4.

### **Deferral Sampling**

On March 4, 2025, NTGE was onsite to collect deferral samples associated with release ID nAPP2425341702, which occurred on September 7, 2024. A total of two (2) vertical deferral samples (DV-1 and DV-2) and two horizontal deferral samples (DH-1 and DH-2) were collected adjacent to the excavation. Soil samples were collected in half (0.5) ft intervals ranging from surface to four and a half (4.5) ft bgs. Samples were placed directly into laboratory provided sample containers, stored on ice, and transported under chain-of-custody protocol to Cardinal laboratory, in Hobbs, New Mexico and analyzed for BTEX, TPH, and chloride. Analytical results were above NMOCD standards for chlorides in DV-1 to two and a half (2.5) ft bgs and three and a half (3.5) ft bgs in DV-2. Analytical results are included in Table 2, while deferral sampling locations are shown on Figure 5.

### **Deferral Request**

Devon personnel have expressed that the excavation of SW-3 to SW-5, associated with release ID nAPP2425341702, which occurred on September 7, 2024, cannot be expanded horizontally due to the presence of facility infrastructure (i.e., production flow lines to tank battery, electrical unit, and associated separators) around the excavation and the associated safety concerns in further encroaching the infrastructure. The extent of the deferral has been determined by deferral sample points DV-1, DV-2, DH-1, DH-2, and V-2. The infrastructure in and around the excavation is shown on Figure 5.

Devon personnel have expressed that the excavation of CS-1 and SW-1 to SW-4, associated with release ID nAPP2426476658, which occurred on September 20, 2024, cannot be expanded

NTGE Project No.: 249136



Mr. Mike Bratcher  
April 3, 2025  
Page 5 of 5

horizontally or vertically due to the presence of facility infrastructure (i.e., separators) around the excavation and the associated safety concerns in further encroaching the infrastructure. The extent of the deferral has been determined by delineation sample points V-1 and H-6. The infrastructure in and around the excavation is shown on Figure 5.

On behalf of Devon, NTGE formally requests a deferral 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 the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared following field completion of the further actions to be completed at a future date.

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

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Jr. Field Ops Manager

Attachments:

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

**TABLE**

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Table 1  
 Summary of Soil Analytical Data - Initial Assessment Samples  
 Red Bull 29 CTB 2 (naPP2425341702)  
 Devon Energy Production Corporation  
 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 ≤ 50 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
Vertical Delineation Samples													
V-1	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>319</b>	<b>319</b>	<b>82</b>	<b>401</b>	<b>17,600</b>
	9/13/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>3,880</b>
	9/13/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>880</b>
	9/13/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>
	9/13/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>
V-2	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>31.0</b>	<b>31.0</b>	<10.1	<b>31.0</b>	<b>11,000</b>
	9/13/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>26.8</b>	<b>26.8</b>	<10.2	<b>26.8</b>	<b>5,920</b>
	9/13/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>20.1</b>	<b>20.1</b>	<10.3	<b>20.1</b>	<b>7,900</b>
	9/13/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>7,120</b>
	9/13/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>6,640</b>
	9/13/2024	5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,600</b>
	9/13/2024	6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,520</b>
	9/13/2024	7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>4,560</b>
	9/13/2024	8-8.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>2,520</b>
9/13/2024	9-9.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,600</b>	
V-3	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>13,400</b>
	9/13/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>9,400</b>
	9/13/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>6,100</b>
	9/13/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>7,440</b>
	9/13/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>6,320</b>
	9/13/2024	5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,730</b>
	9/13/2024	6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,460</b>
	9/13/2024	7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,100</b>
	9/13/2024	8-8.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>2,480</b>
9/13/2024	9-9.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>2,080</b>	
Horizontal Delineation Samples													
H-1	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80.0</b>
H-2	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>
H-3	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>96.0</b>
H-4	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
H-5	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>96.0</b>

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

5. TPH analyses by EPA Method SW 8015 Mod.  
 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil  
 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.  
 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).  
 9. --- Not Analyzed

Table 1  
 Summary of Soil Analytical Data - Delineation Samples  
 Red Bull 29 CTB 2 (nAPP2426476658)  
 Devon Energy Production Corporation  
 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 ≤ 50 feet Depth to Groundwater 19.15.29 NMAC						
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	1000 mg/kg	20,000 mg/kg	
Vertical Delineation Samples														
V-1	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>114</b>	<b>114</b>	<b>15.7</b>	<b>129.7</b>	<b>9,000</b>	
	9/24/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>7,400</b>	
	9/24/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,520</b>	
	9/24/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,280</b>	
	9/24/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,360</b>	
	9/24/2024	5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>4,320</b>	
	10/29/2024	6-6.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<b>63,200</b>	
	10/29/2024	7-7.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	<b>5,430</b>	
10/29/2024	8-8.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	<10.0		
V-2	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>288</b>	
	9/24/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>8,400</b>	
	9/24/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>3,680</b>	
	9/24/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,540</b>	
	9/24/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>	
Horizontal Delineation Samples														
H-1	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80.0</b>	
H-2	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>	
H-3	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>	
H-4	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48.0</b>	
H-5	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>16.7</b>	<b>16.7</b>	<10.0	<b>16.7</b>	<b>48.0</b>	
H-6	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>224</b>	

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

5. TPH analyses by EPA Method SW 8015 Mod.  
 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil  
 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.  
 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).  
 9. --- Not Analyzed

Table 2  
 Summary of Soil Analytical Data - Confirmation Sample  
 Red Bull 29 CTB 2 (naPP2425341702)  
 Devon Energy Production Corporation  
 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
Base Confirmation Samples													
CS-1	2/14/2025	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-2	2/14/2025	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-3	2/14/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,080
CS-4	2/14/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,120
Sidewall Samples													
SW-1	2/14/2025	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-2	2/14/2025	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070
SW-3	2/14/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
SW-4	2/14/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	21,200
SW-5	2/14/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,800
Deferral Samples													
DV-1	3/5/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,800
	3/5/2025	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,240
	3/5/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,340
	3/5/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
	3/5/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
DV-2	3/5/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9,730
	3/5/2025	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,520
	3/5/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,520
	3/5/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
	3/5/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
DH-1	3/5/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
DH-2	3/5/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176

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

SP-1 Sample Point Excavated

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Sample**  
**Red Bull 29 CTB 2 (nAPP2426476658)**  
**Devon Energy Production Corporation**  
**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
<b>Vertical Delineation Samples</b>													
CS-1	2/14/2025	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>54.5</b>	<b>54.5</b>	<b>22.7</b>	<b>77.2</b>	<b>12,000</b>
CS-2	2/14/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>848</b>
CS-3	2/14/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64.0</b>
<b>Horizontal Delineation Samples</b>													
SW-1	2/14/2025	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>10,000</b>
SW-2	2/14/2025	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>8,000</b>
SW-3	2/14/2025	0-2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>6,660</b>
SW-4	2/14/2025	2-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>3,600</b>
SW-5	2/14/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>512</b>
SW-6	2/14/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80.0</b>
SW-7	2/14/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80.0</b>

1. Values reported in mg/kg

2. < = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

~~SP-1~~ Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

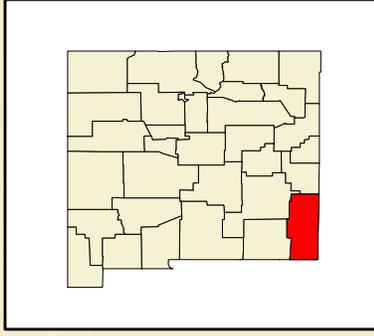
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

## **FIGURES**

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**LEGEND**

★ Site

**SITE LOCATION MAP**  
**SITE CHARACTERIZATION AND REMEDIATION DEFERRAL REQUEST**  
**DEVON ENERGY PRODUCTION CORPORATION**  
 RED BULL 29 CTB 2  
 LEA COUNTY, NEW MEXICO

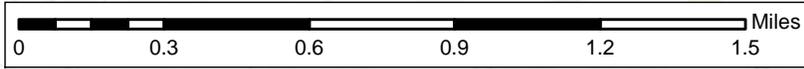
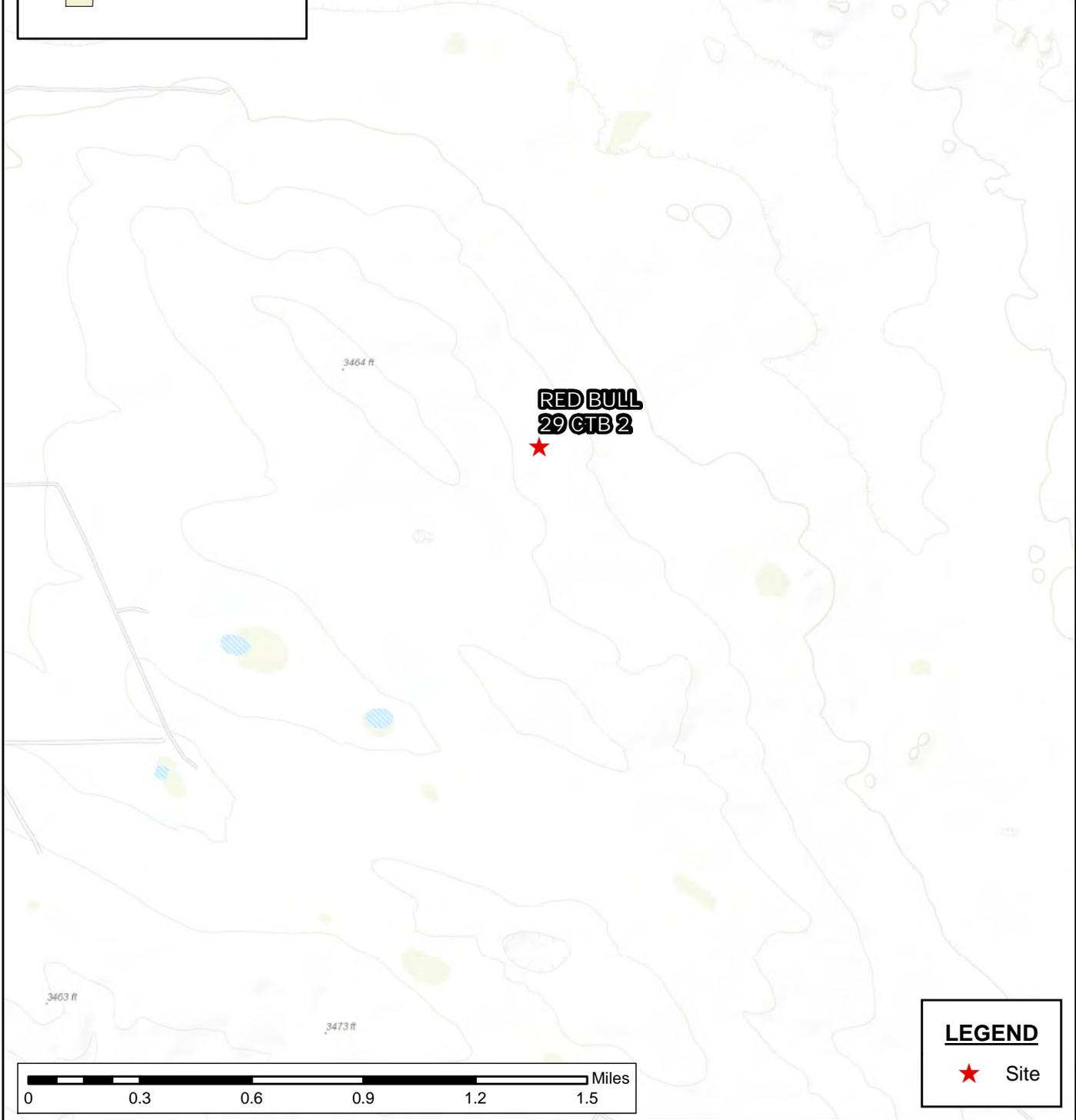
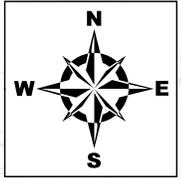
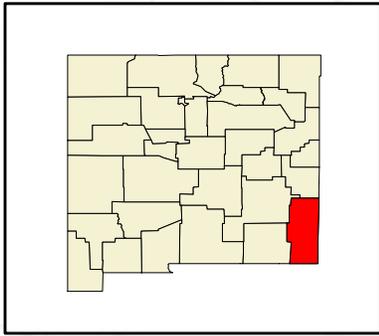
SCALE: As Shown    Date: 9/9/2024    PROJECT #: 249136

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

★ Site

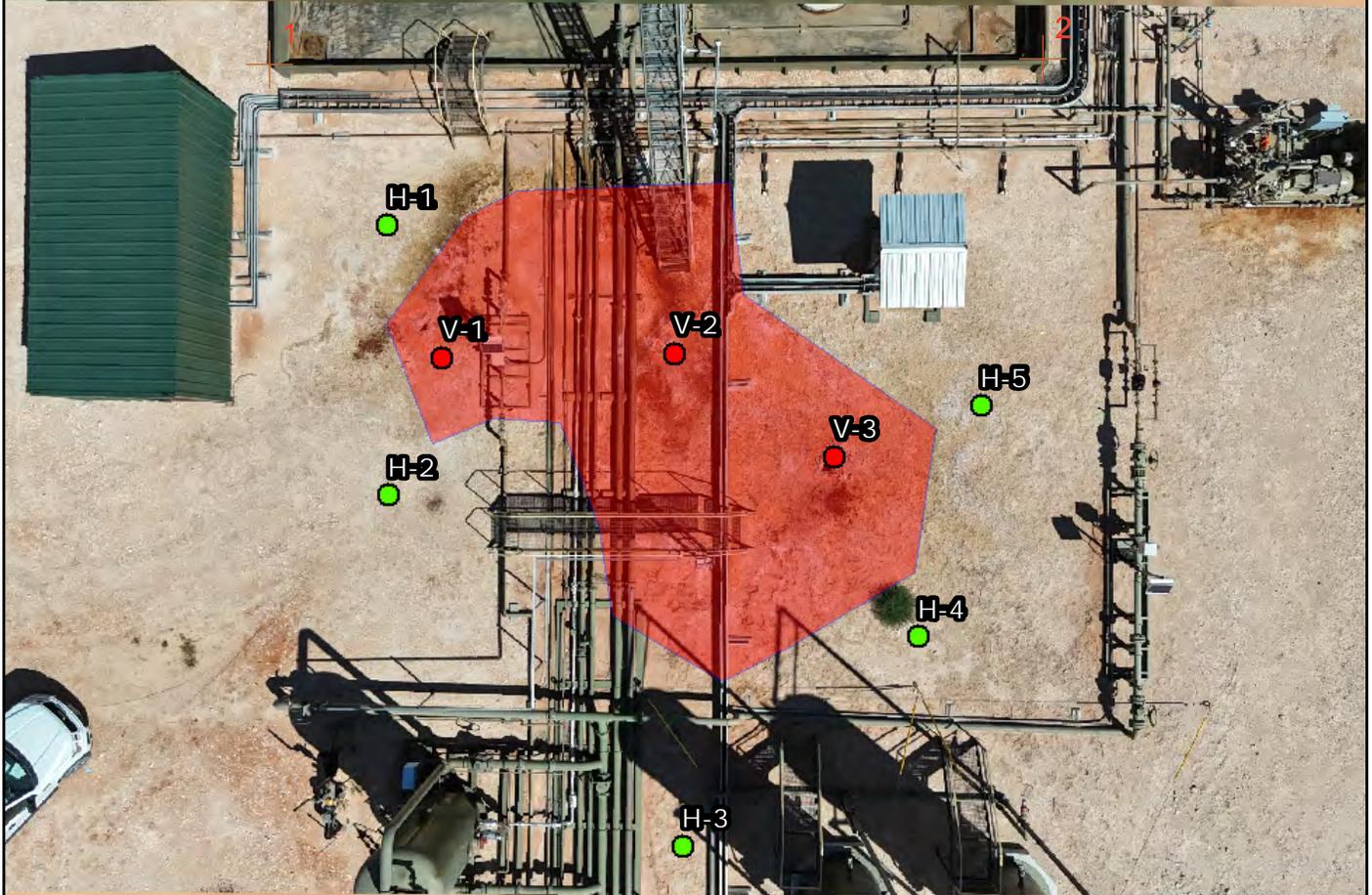
**TOPOGRAPHIC MAP**  
**SITE CHARACTERIZATION AND REMEDIATION**  
**DEFERRAL REQUEST**  
**DEVON ENERGY PRODUCTION CORPORATION**  
 RED BULL 29 CTB 2  
 LEA COUNTY, NEW MEXICO

  
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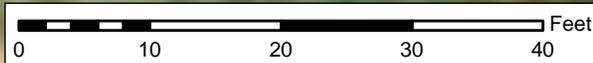
**NOTES:**  
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 2. Map Projection: NAD 1983

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

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**LEGEND**

- Vertical Delineation Point
- Horizontal Delineation Point
- Area Of Concern

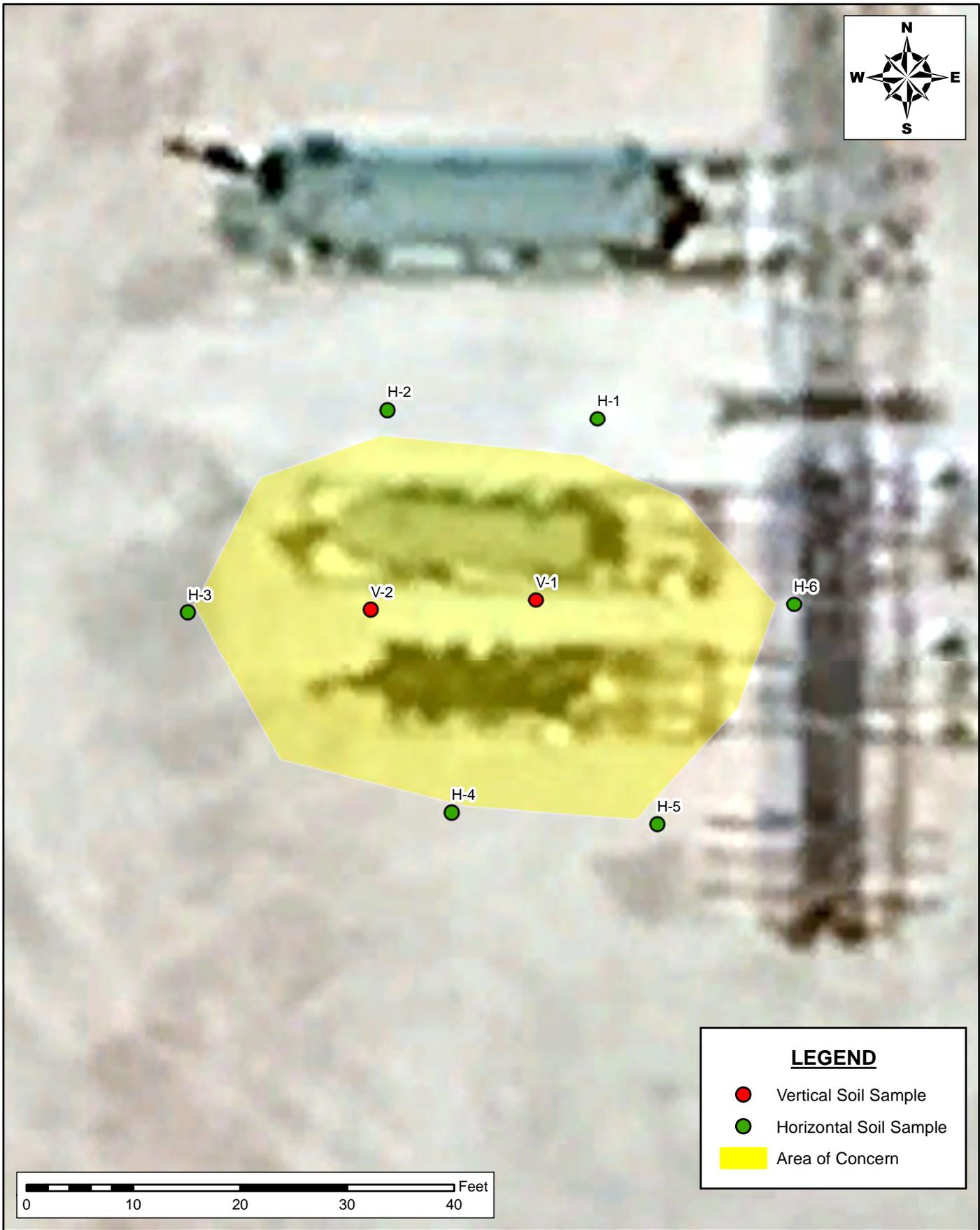
**INITIAL ASSESSMENT MAP**  
**SITE CHARACTERIZATION AND REMEDIATION DEFERRAL**  
**REQUEST**  
**DEVON ENERGY PRODUCTION CORPORATION**  
 RED BULL 29 CTB 2 (nAPP2425341702)  
 LEA COUNTY, NEW MEXICO

  
**New Tech Global Environmental, LLC**  
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 F - 281.872.4521  
 Web: www.ntgenvironmental.com

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

DRAWING NUMBER:  
**FIGURE 3**  
 SHEET NUMBER:  
**1 of 1**

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**LEGEND**

- Vertical Soil Sample
- Horizontal Soil Sample
- Area of Concern

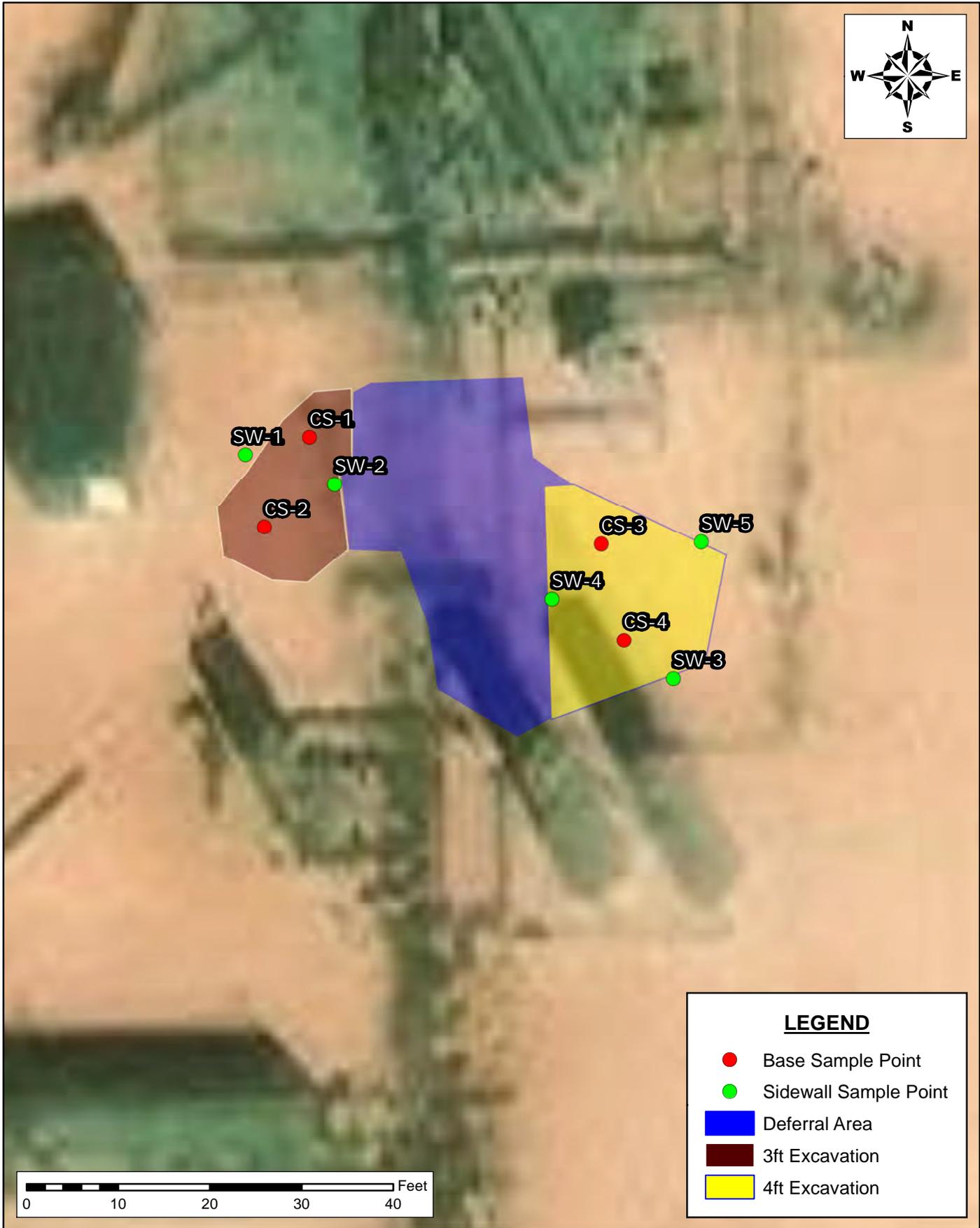
**INITIAL ASSESSMENT MAP**  
**SITE CHARACTERIZATION AND REMEDIATION DEFERRAL**  
**REQUEST**  
**DEVON ENERGY PRODUCTION CORPORATION**  
 RED BULL 29 CTB 2 (nAPP2426476658)  
 LEA COUNTY, NEW MEXICO

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

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

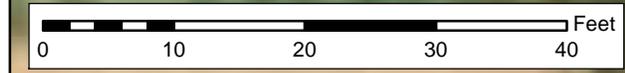
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**FIGURE 3A**  
 SHEET NUMBER:  
**1 of 1**

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**LEGEND**

- Base Sample Point
- Sidewall Sample Point
- Deferral Area
- 3ft Excavation
- 4ft Excavation



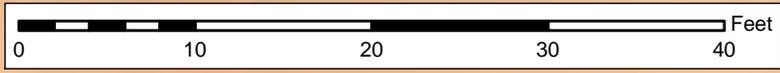
**CONFIRMATION SAMPLING MAP**  
**SITE CHARACTERIZATION AND REMEDIATION**  
**DEFERRAL REQUEST (nAPP2425341702)**  
**DEVON ENERGY PRODUCTION COMPANY**  
 RED BULL 29 CTB 2  
 LEA COUNTY, NEW MEXICO

  
**New Tech Global Environmental, LLC**  
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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 4**  
 SHEET NUMBER:  
**1 of 2**

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**LEGEND**

- Base Sample Point
- Sidewall Sample Point
- 2ft Excavation
- 4ft Excavation

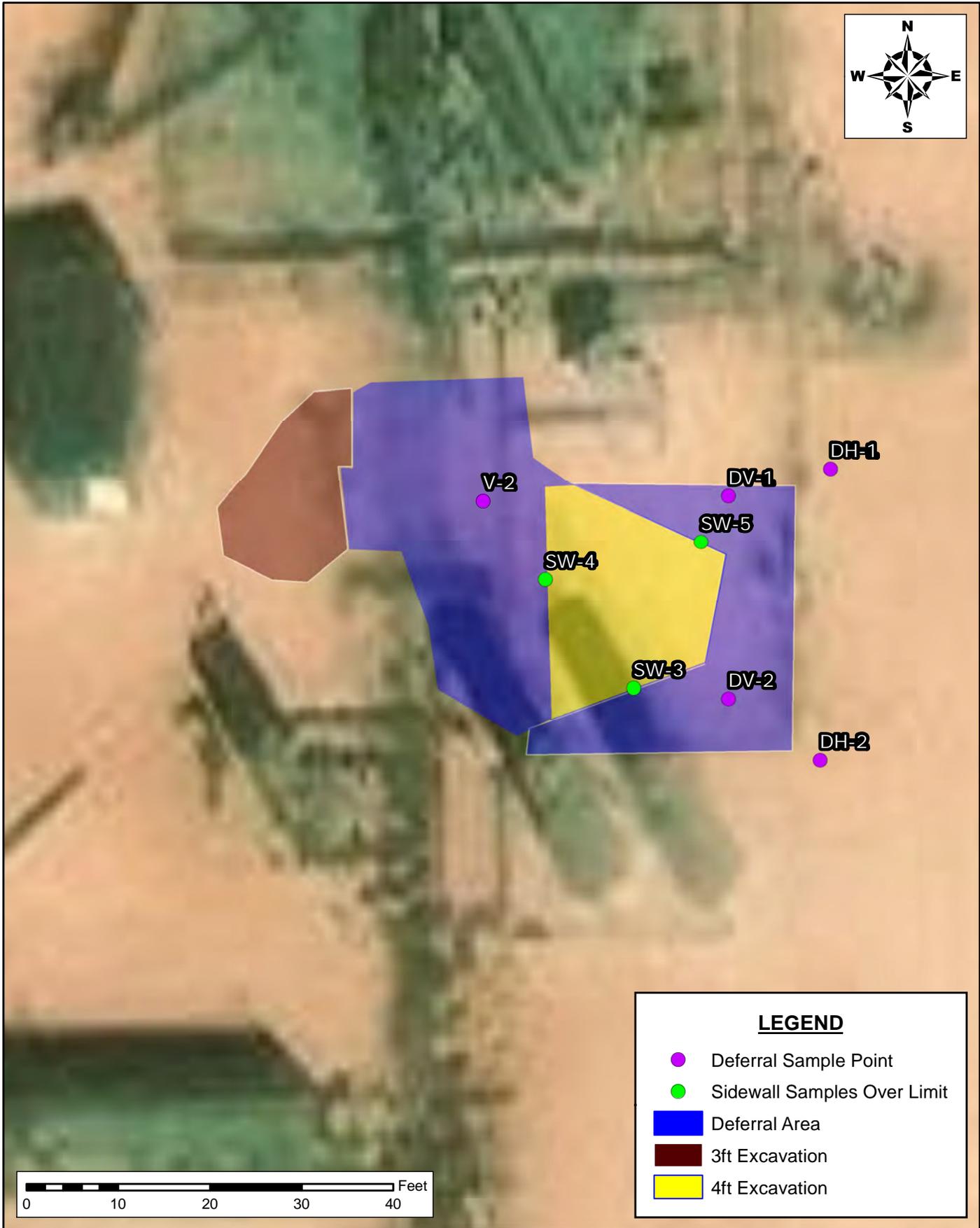
**CONFIRMATION SAMPLING MAP**  
**SITE CHARACTERIZATION AND REMEDIATION**  
**DEFERRAL REQUEST (nAPP2426476658)**  
**DEVON ENERGY PRODUCTION COMPANY**  
 RED BULL 29 CTB 2  
 LEA COUNTY, NEW MEXICO

  
**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
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DRAWING NUMBER:  
**FIGURE 4**  
 SHEET NUMBER:  
**2 of 2**

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**LEGEND**

- Deferral Sample Point
- Sidewall Samples Over Limit
- Deferral Area
- 3ft Excavation
- 4ft Excavation

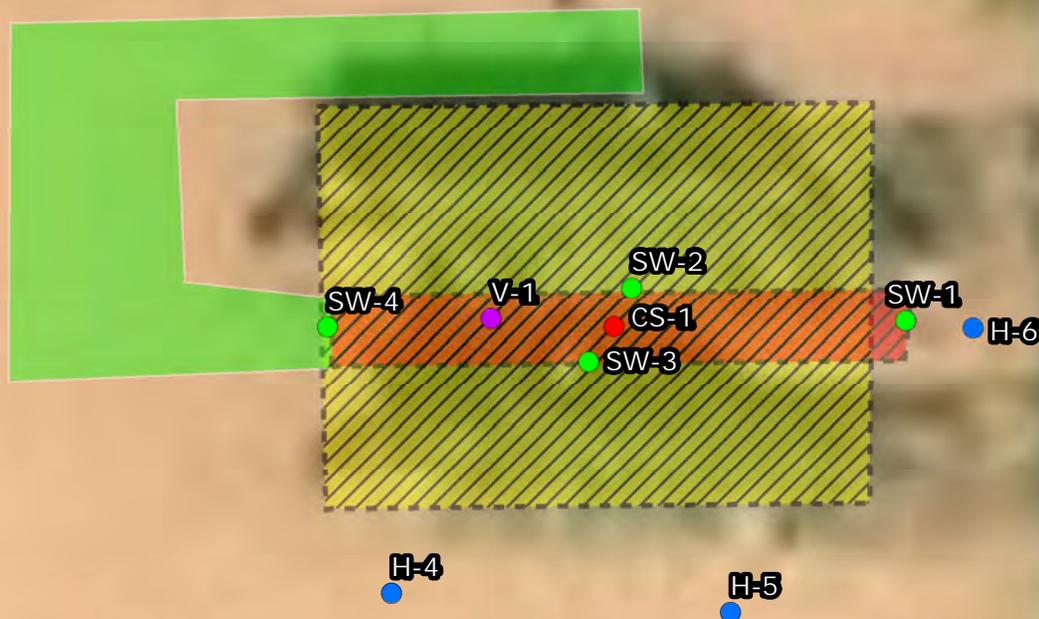
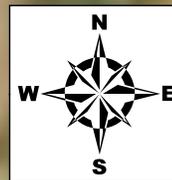
**DEFERRAL SAMPLING MAP**  
**SITE CHARACTERIZATION AND REMEDIATION**  
**DEFERRAL REQUEST (nAPP2425341702)**  
**DEVON ENERGY PRODUCTION COMPANY**  
 RED BULL 29 CTB 2  
 LEA COUNTY, NEW MEXICO

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

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

DRAWING NUMBER:  
**FIGURE 5**  
 SHEET NUMBER:  
**1 of 2**

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**LEGEND**

- Base Sample Over Limit
- Sidewall Sample Over Limit
- Vertical Delineation Sample
- Horizontal Delineation Sample
- 4ft Excavation
- 2ft Excavation/Deferral Area
- Deferral Area

**DEFERRAL SAMPLING MAP**  
**SITE CHARACTERIZATION AND REMEDIATION**  
**DEFERRAL REQUEST (nAPP2426476658)**  
**DEVON ENERGY PRODUCTION COMPANY**  
 RED BULL 29 CTB 2  
 LEA COUNTY, NEW MEXICO

SCALE: As Shown    Date: 4/3/2025    PROJECT #:249136

**NTG**  
**New Tech Global Environmental, LLC**  
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 Houston, Texas 77060  
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 F - 281.872.4521  
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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 5**  
 SHEET NUMBER:  
**2 of 2**

**SITE CHARACTERIZATION DOCUMENTATION**

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**NMOCD Closure Criteria**

Red Bull 29 CTB 2

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	320	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	27,400	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100		10,000	2,500	1,000	50	10
>100	x	20,000	2,500	1,000	50	10
Surface Water		in yes, then				
Yes/No						
<300 ft from a continuously flowing watercourse or other significant watercourse?						
No						
<200 ft from a lakebed, sinkhole, or playa lake?						
No						
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh water well used by less than 5 households for domestic or livestock purposes?						
No						
<1,000 ft from a fresh water well or spring?						
No						
Human and Other Area		600	100		50	10
<300 ft from an occupied permanent residence, school, hospital, institution or church?						
No						
Within incorporated municipal boundaries or within a defined municipal fresh water well field?						
No						
<100 ft from a wetland?						
No						
Within an area overlying a subsurface mine?						
No						
Within an unstable area?						
No						
Within a 100 yr floodplain?						
No						

\* - numerical limit or background, whichever is greater

# OCD Well Locations



9/9/2024, 12:51:25 PM

Wells - Large Scale Incident Release

PLSS Second Division

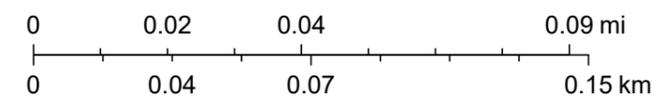
PLSS First Division

Oil, Active Produced Water Release

Oil, New Karst Occurrence Potential

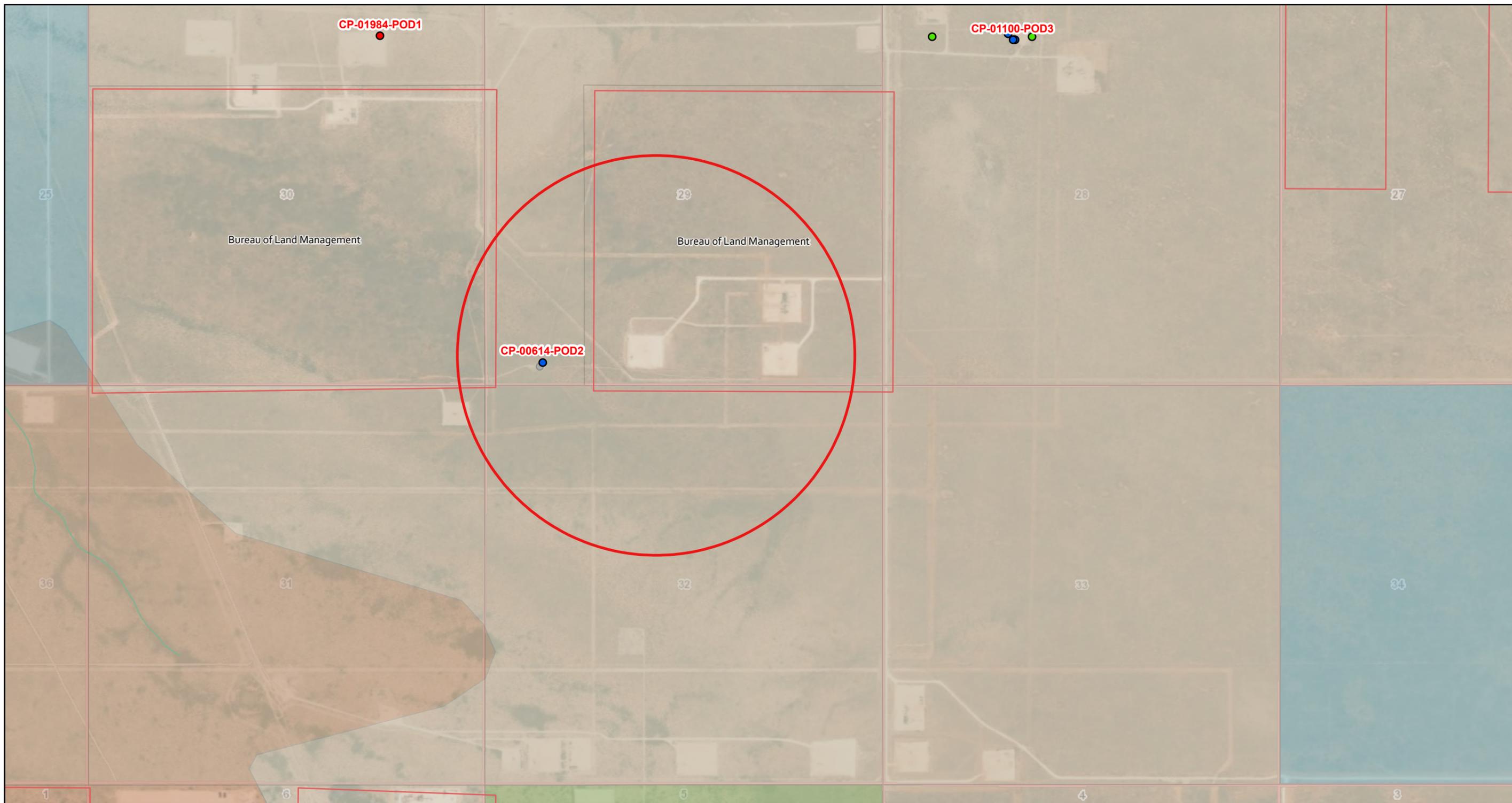
Low

1:2,257



BLM, OCD, New Mexico Tech, Maxar, Microsoft, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Esri, HERE, Garmin, iPC, NM OSE, BLM

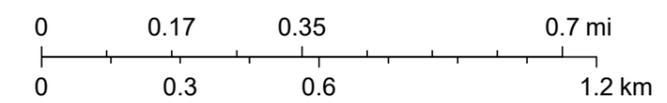
# OSE POD Location Map



9/9/2024, 12:51:22 PM

- |                 |                         |                              |                       |              |
|-----------------|-------------------------|------------------------------|-----------------------|--------------|
| Override 1      | Plugged                 | Artesian Planning Area       | Both Estates          | C Basin Fill |
| GIS WATERS PODs |                         | Federal Lands                | NHD Flowlines         | Counties     |
| Active          | OSE District Boundary   | New Mexico State Trust Lands | Stream River          | Sections     |
| Pending         | Water Right Regulations | Subsurface Estate            | NM Simplified Geology |              |
| Inactive        | Closure Area            | Surface Estate               | A Recent Alluvial     |              |

1:18,056



Esri, HERE, iPC, OSE SLO, Esri, HERE, Garmin, iPC, Maxar



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

2019 APR - 1 11 AM  
 STATE OF NEW MEXICO  
 OFFICE OF THE STATE ENGINEER

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP-614-POD2		WELL TAG ID NO.		OSE FILE NO(S).		
	WELL OWNER NAME(S) Limestone Basin Properties Ranch, LLC				PHONE (OPTIONAL) 210-835-8057		
	WELL OWNER MAILING ADDRESS 3300 N. A Street, Bldg 1, Ste 220				CITY Midland	STATE TX	ZIP 79705
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 16	SECONDS 09.0	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	23	44.4	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. WD1706	NAME OF LICENSED DRILLER Bryce Wallace			NAME OF WELL DRILLING COMPANY Elite Drillers Corporation			
	DRILLING STARTED 11/20/18	DRILLING ENDED 11/23/18	DEPTH OF COMPLETED WELL (FT) 440	BORE HOLE DEPTH (FT) 445	DEPTH WATER FIRST ENCOUNTERED (FT) 320			
	COMPLETED WELL IS: <input checked="" type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 303			
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	20	20	ASTM53 GRADE B		15.5	.25	
	+2	300	14.75	ASTM53 GRADE B	Welded	8.125	.25	
	300	440	14.75	SDR 17 PVC	Spline	7.6	SDR 17	.03

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	20	20	Portland I/II Cement	23	Trimmie
	0	288	14.75	Portland I/II Cement	245	Trimmie
288	440	14.75	8/16 Silica Sand	120	Pour	

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO.	CP-614	POD NO.		TRN NO.	657220
LOCATION		WELL TAG ID NO.		PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			Y	N	
	0	10	10	Caliche	Y	✓ N	
	10	80	70	Tan & Brown Sandstone	Y	✓ N	
	80	100	20	Tan Clay	Y	✓ N	
	100	130	30	Tan Sandstone	Y	✓ N	
	130	220	90	Tan & Brown Sandstone	Y	✓ N	
	220	230	10	Tan Clay	Y	✓ N	
	230	250	20	Red & Tan Sandstone	Y	✓ N	
	250	360	110	Tan, Brown & Gray Sandstone	✓ Y	N	10.00
	360	390	30	Tan & Red Sandstone	✓ Y	N	10.00
	390	420	30	Tan, Brown & Gray Sandstone	✓ Y	N	15.00
	420	445	25	Red Clay	Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):		
<input type="checkbox"/> PUMP <input checked="" type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					35.00		

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Bryce Wallace	11/27/18
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2

CP-614-POD2



2019 MAR -1 PM 4: 22

ID STATE POLICE OFFICE  
ROSELLE, NEW MEXICO



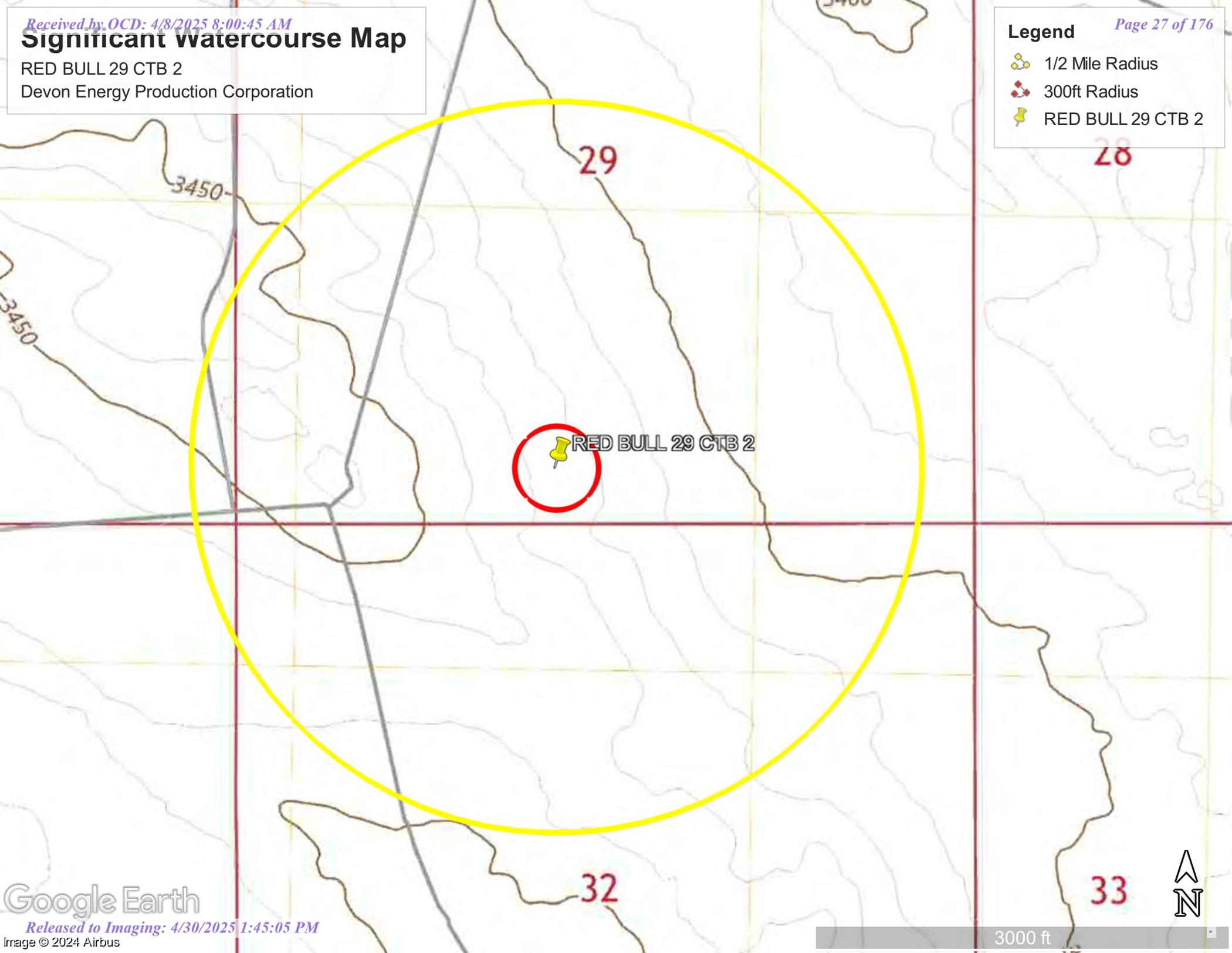
# Significant Watercourse Map

RED BULL 29 CTB 2

Devon Energy Production Corporation

## Legend

-  1/2 Mile Radius
-  300ft Radius
-  RED BULL 29 CTB 2



Legend Basemap Query Source

1:144,448

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

Hydrogeomorphic Mapping (HGM) Polygons

Landscape Position and Water Body (LLWW) Linears

Landscape Position and Water Body (LLWW) Polygons

Landform (LLWW)

NWI Linears

Palustrine Emergent (PEM)

Palustrine Forested (PFO)

Palustrine Rock Bottom (PRB)

Palustrine Scrub Shrub (PSS)

Palustrine Unconsolidated (PUB, PUS)

Riverine (R2, R3, R4)

NWI Polygons

Lacustrine (L1, L2)

Palustrine Aquatic Bed (PAB)

Palustrine Emergent (PEM)

Palustrine Forested (PFO)

Palustrine Rock Bottom (PRB)

Palustrine Scrub Shrub (PSS)

Palustrine Unconsolidated (PUB, PUS)

Riverine (R2, R3, R4)

Aquatic Invertebrate Habitat (AIH) Linears

Aquatic Invertebrate Habitat (AIH) Polygons

Bank and Shoreline Stabilization (BSS) Linears

Bank and Shoreline Stabilization (BSS) Polygons

Carbon Sequestration (CAR) Linears

Carbon Sequestration (CAR) Polygons

Fish Habitat (FH) Linears

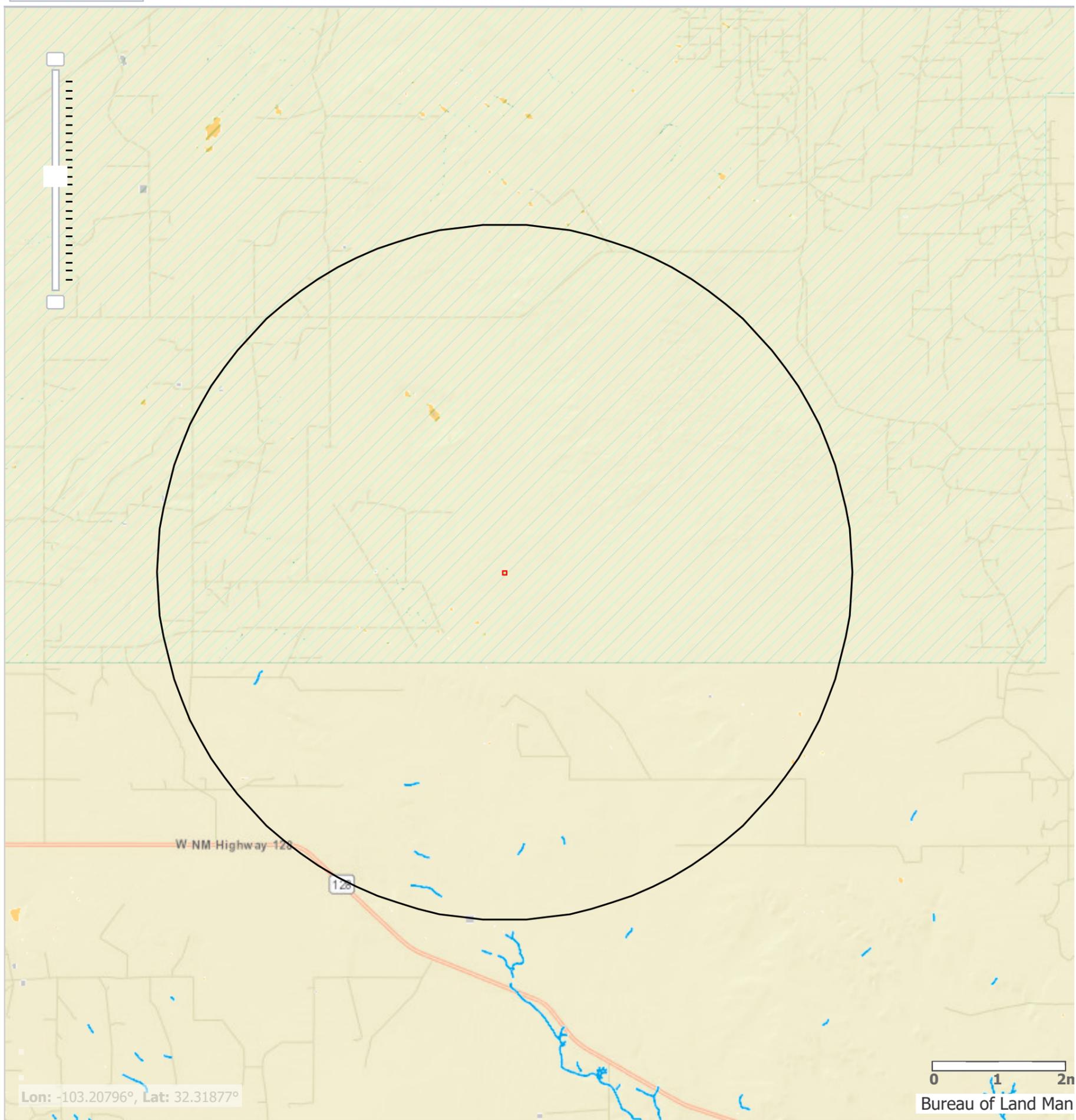
Fish Habitat (FH) Polygons

Groundwater Recharge (GR) Linears

Groundwater Recharge (GR) Polygons

Nutrient Transformation (NT) Linears

Nutrient Transformation (NT) Polygons



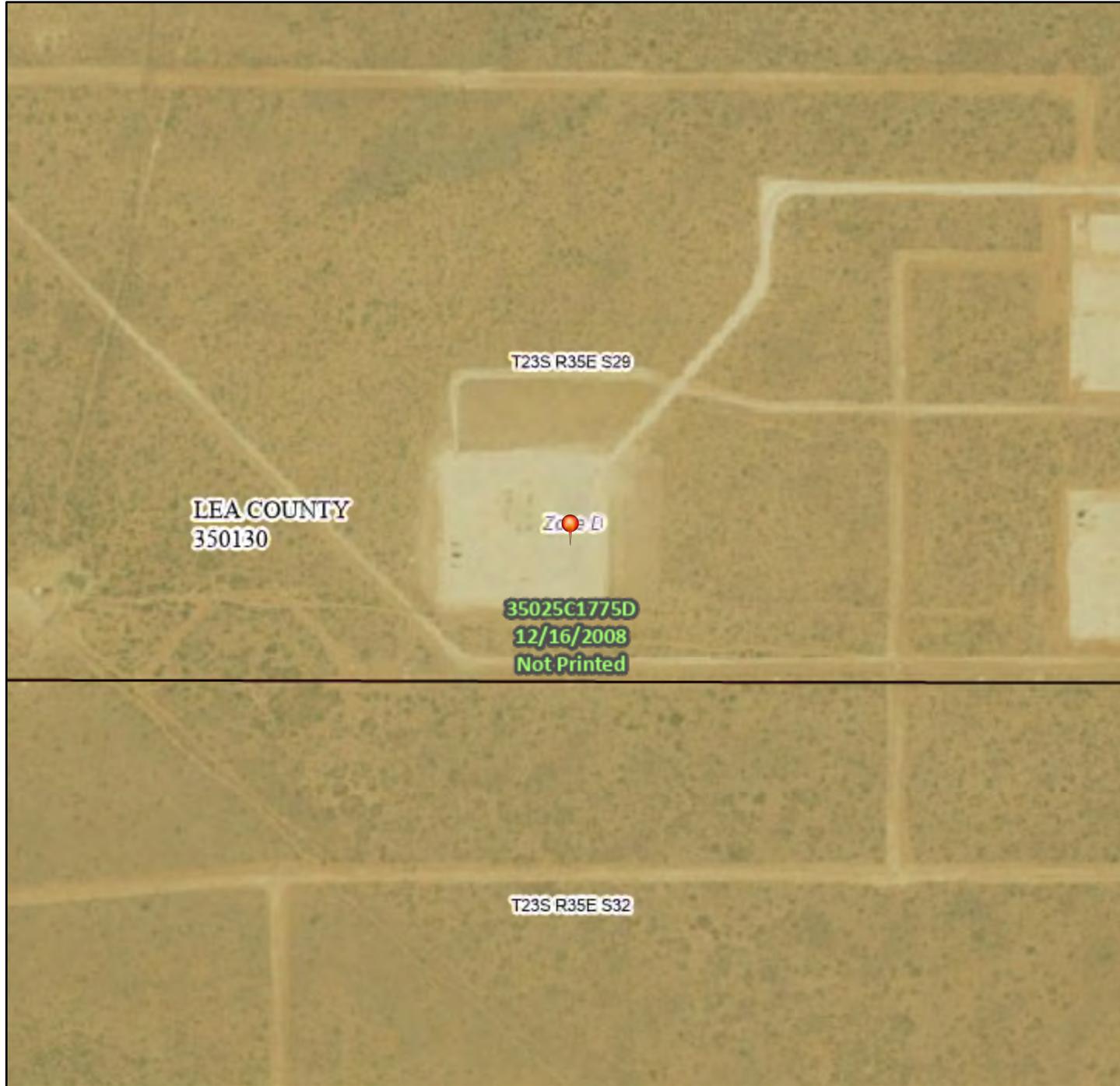
Lon: -103.20796°, Lat: 32.31877°

0 1 2m Bureau of Land Man

# National Flood Hazard Layer FIRMette



103°23'46"W 32°16'25"N



## Legend

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

- |                                    |                  |  |
|------------------------------------|------------------|--|
| <b>SPECIAL FLOOD HAZARD AREAS</b>  |                  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                                    |                  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>   |
|                                    |                  | Regulatory Floodway  |
| <b>OTHER AREAS OF FLOOD HAZARD</b> |                  | 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>  |
| <b>OTHER AREAS</b>                 |                  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                                    |                  | Effective LOMRs  |
|                                    |                  | Area of Undetermined Flood Hazard <i>Zone D</i>  |
| <b>GENERAL STRUCTURES</b>          |                  | Channel, Culvert, or Storm Sewer   |
|                                    |                  | Levee, Dike, or Floodwall  |
| <b>OTHER FEATURES</b>              |                  | 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 |  |
| <b>MAP PANELS</b>                  |                  | 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 9/9/2024 at 2:51 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



1:6,000

103°23'8"W 32°15'55"N

# Red Bull 29 CTB 2



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

September 12, 2024

### Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

**PHOTOGRAPHIC LOG**

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# PHOTOGRAPHIC LOG

## Devon Energy Production Company

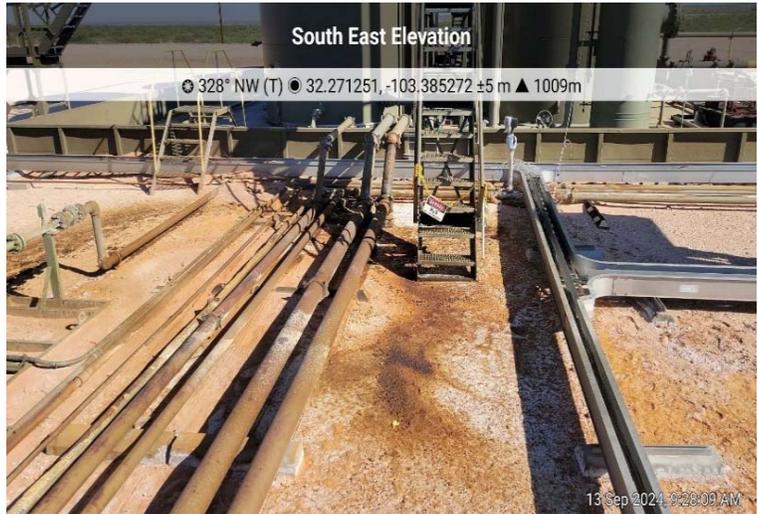
### Red Bull 29 CTB 2

#### Photograph No. 1

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2425341702)



#### Photograph No. 2

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2425341702)

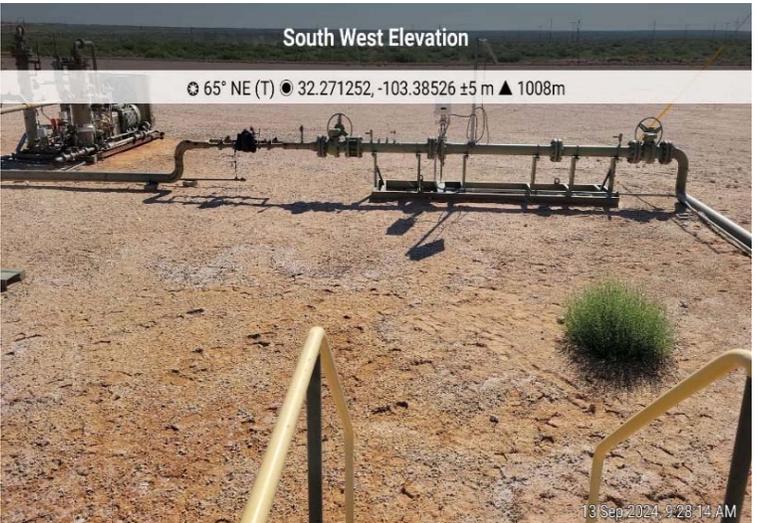


#### Photograph No. 3

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2425341702)



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Red Bull 29 CTB 2

#### Photograph No. 4

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2425341702)



#### Photograph No. 5

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2425341702)

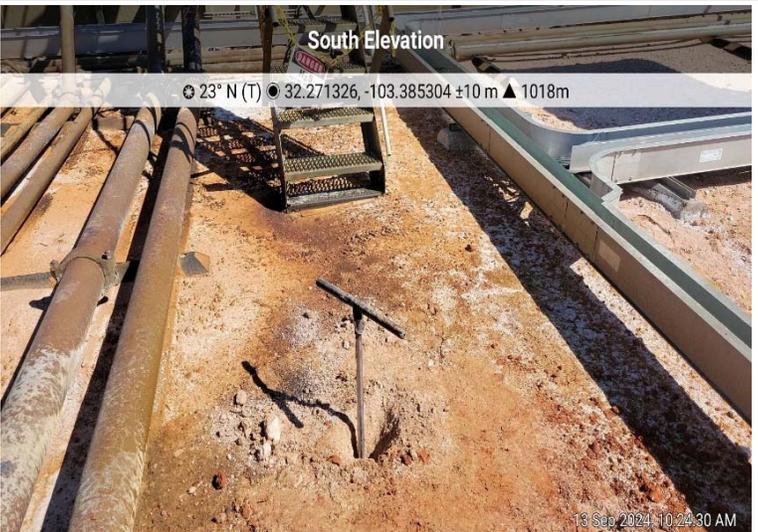


#### Photograph No. 6

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2425341702)



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Red Bull 29 CTB 2

#### Photograph No. 7

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2426476658)

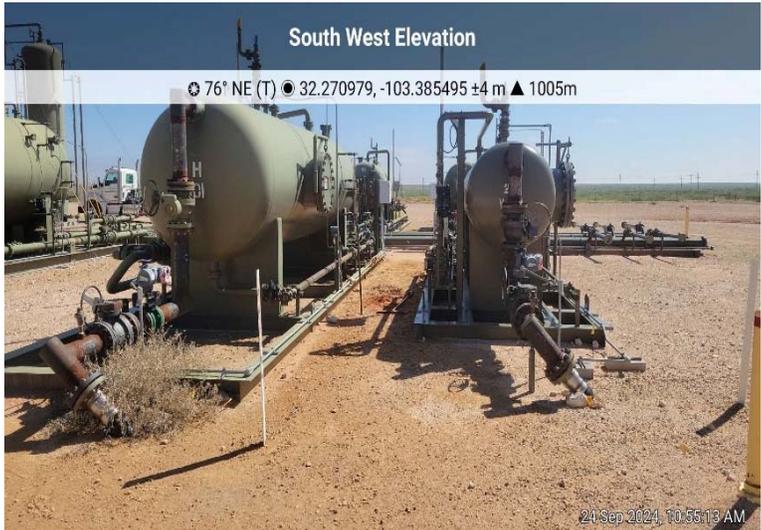


#### Photograph No. 8

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2426476658)



#### Photograph No. 9

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
Area of Concern (nAPP2426476658)



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Red Bull 29 CTB 2

#### Photograph No. 10

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Excavation (nAPP2425341702 )

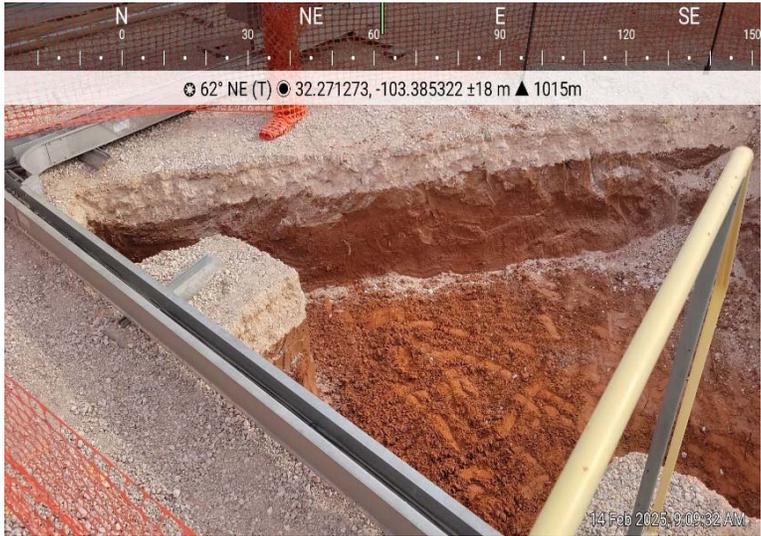


#### Photograph No. 11

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Excavation (nAPP2425341702 )

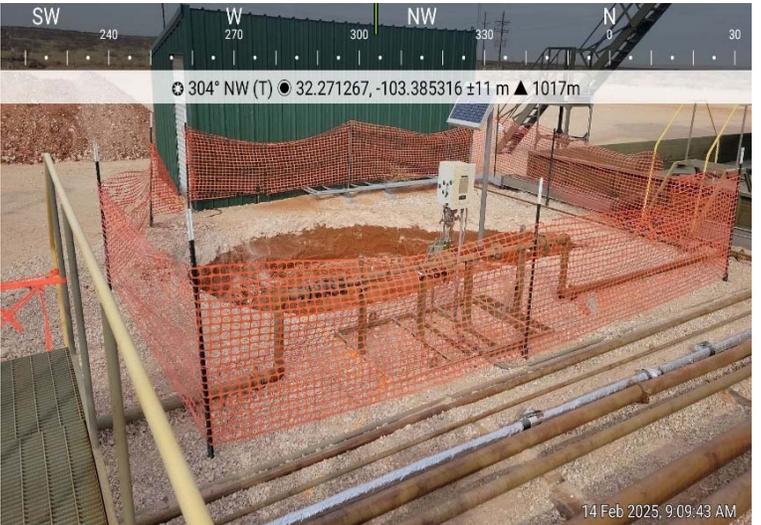


#### Photograph No. 12

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Excavation (nAPP2425341702 )



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

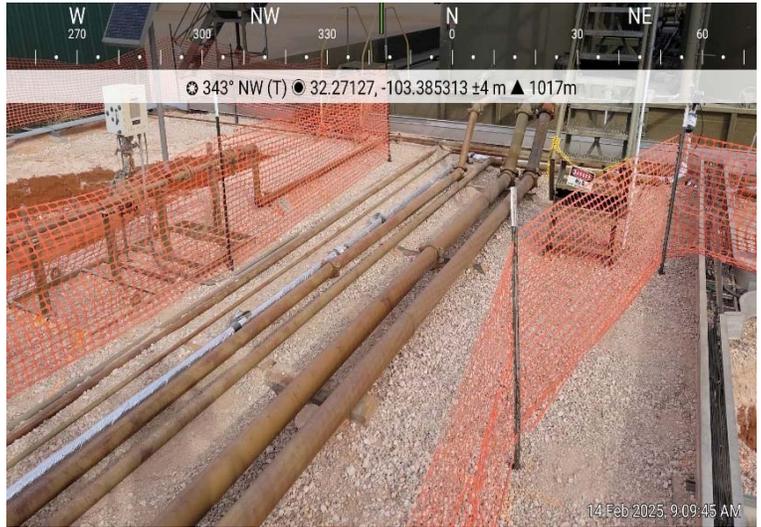
### Red Bull 29 CTB 2

#### Photograph No. 13

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of deferral area



#### Photograph No. 14

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Excavation (nAPP2426476658)

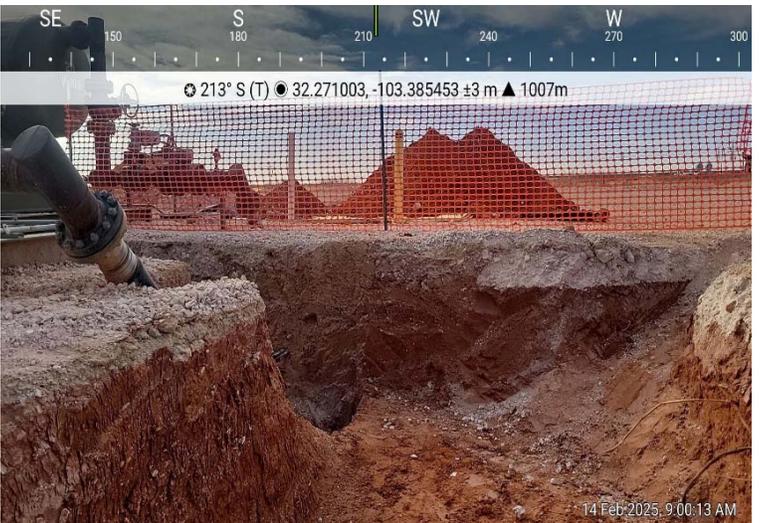


#### Photograph No. 15

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Excavation (nAPP2426476658)



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

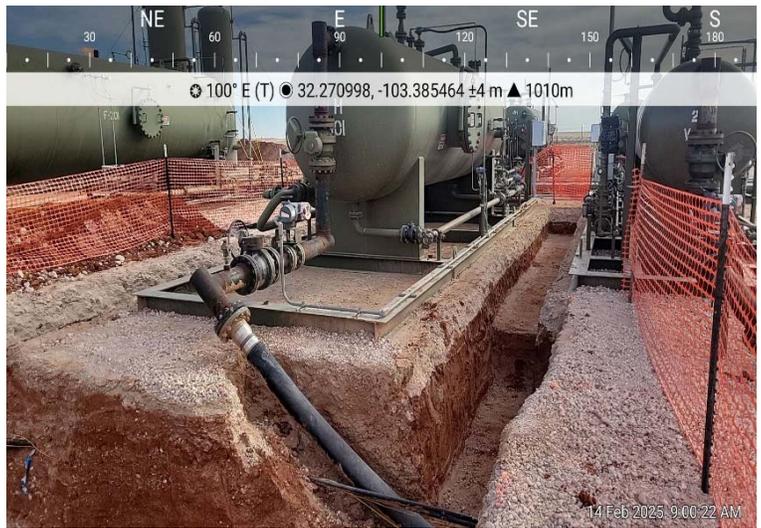
### Red Bull 29 CTB 2

#### Photograph No. 16

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Excavation (nAPP2426476658)



#### Photograph No. 17

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Deferral Sampling (nAPP2425341702)



#### Photograph No. 18

**Facility:** Red Bull 29 CTB 2

**County:** Lea County, New Mexico

**Description:**  
View of Deferral Sampling (nAPP2425341702)



**EXTENSION REQUESTS**

---

## Kenny Han

---

**From:** Ethan Sessums  
**Sent:** Tuesday, March 11, 2025 1:56 PM  
**To:** Wells, Shelly, EMNRD  
**Cc:** Bratcher, Michael, EMNRD; Raley, Jim; Kenny Han  
**Subject:** Re: [EXTERNAL] Extension Request nAPP2425341702 & nAPP2426476658

Thank you, Shelly!

Ethan Sessums  
Jr. Field Operations Manager  
NTGE New Mexico  
209 W McKay St. Carlsbad, NM 88220  
M: (254)-266-5456 W: (432)-701-2159  
Email: [essums@ntglobal.com](mailto:essums@ntglobal.com)

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | [Site Assessment, Remediation & Site Closure](#) | Water Quality & Natural Resources

---

**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrn.nm.gov](mailto:Shelly.Wells@emnrn.nm.gov)>  
**Sent:** Tuesday, March 11, 2025 1:48:53 PM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrn.nm.gov](mailto:mike.bratcher@emnrn.nm.gov)>; Raley, Jim <[Jim.Raley@dvn.com](mailto:Jim.Raley@dvn.com)>; Kenny Han <[KHan@ntglobal.com](mailto:KHan@ntglobal.com)>  
**Subject:** RE: [EXTERNAL] Extension Request nAPP2425341702 & nAPP2426476658

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good afternoon Ethan,

The extension requests for NAPP2425341702 and NAPP2426476658 RED BULL 29 CTB 2 are approved. The new due date to submit your updated remediation plan or closure report to the OCD is April 10, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

**From:** Ethan Sessums <ESessums@ntglobal.com>  
**Sent:** Tuesday, March 11, 2025 12:51 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Raley, Jim <Jim.Raley@dvn.com>; Kenny Han <KHan@ntglobal.com>  
**Subject:** [EXTERNAL] Extension Request nAPP2425341702 & nAPP2426476658

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

NMOCD District II,

NTGE on behalf of Devon, respectfully submits this extension request for the nAPP2425341702 & nAPP2426476658 remediation project. This project is currently excavated and pending return of lab analytics. To accommodate potential additional excavation and preparation of the associated Closure report for this incident we request that a 30-day extension request be granted.

Please let me know if any additional documentation is needed for this request, any changes to the timeline will be provided to the NMOCD.

Remediation                    Closure Report Due 03/11/2025  
Facility Site Name        Red Bull 29 CTB 2  
Incident#                    nAPP2425341702 & nAPP2426476658  
Operator:                    Devon Energy  
Type:                         Produced Water Release

**Ethan Sessums**

Jr. Field Ops Manager | **NTG Environmental**  
M:432-701-2159 P:254-266-5456 [esessums@ntglobal.com](mailto:esessums@ntglobal.com)  
[209 West McKay St. Carlsbad NM, 88220](https://www.ntgenv.com)



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



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

---

September 18, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RED BULL 29 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 09/13/24 13:34.

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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 0-6" (H245585-01)**

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	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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>17600</b>	16.0	09/16/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	199	99.5	200	13.6	
<b>DRO &gt;C10-C28*</b>	<b>319</b>	10.0	09/16/2024	ND	190	95.1	200	17.3	
<b>EXT DRO &gt;C28-C36</b>	<b>82.0</b>	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 1-1.5' (H245585-02)**

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	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	09/16/2024	ND	400	100	400	3.92	QM-07

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	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 2-2.5' (H245585-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	880	16.0	09/16/2024	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	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 3-3.5' (H245585-04)**

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	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/16/2024	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	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 4-4.5' (H245585-05)**

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	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/16/2024	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	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 0-6" (H245585-06)**

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	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	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
<b>Chloride</b>	<b>11000</b>	16.0	09/16/2024	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	09/16/2024	ND	199	99.5	200	13.6	
<b>DRO &gt;C10-C28*</b>	<b>31.0</b>	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 1-1.5' (H245585-07)**

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	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5920</b>	16.0	09/16/2024	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	09/16/2024	ND	199	99.5	200	13.6	
<b>DRO &gt;C10-C28*</b>	<b>26.8</b>	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 2-2.5' (H245585-08)**

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	09/16/2024	ND	2.25	112	2.00	2.18	
Toluene*	<0.050	0.050	09/16/2024	ND	2.18	109	2.00	6.58	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	8.28	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.79	113	6.00	8.78	
Total BTEX	<0.300	0.300	09/16/2024	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
<b>Chloride</b>	<b>7000</b>	16.0	09/16/2024	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	09/16/2024	ND	199	99.5	200	13.6	
<b>DRO &gt;C10-C28*</b>	<b>20.1</b>	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 3-3.5' (H245585-09)**

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	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	7120	16.0	09/16/2024	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	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 4-4.5' (H245585-10)**

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	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	6640	16.0	09/16/2024	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	09/17/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 5-5.5' (H245585-11)**

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	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	5600	16.0	09/16/2024	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	09/17/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 6-6.5' (H245585-12)**

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	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 7-7.5' (H245585-13)**

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	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	4560	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 8-8.5' (H245585-14)**

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	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	2520	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 9-9.5' (H245585-15)**

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	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 0-6" (H245585-16)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	13400	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 1-1.5' (H245585-17)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9400	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 2-2.5' (H245585-18)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	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	6100	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 3-3.5' (H245585-19)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 4-4.5' (H245585-20)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	6320	16.0	09/16/2024	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	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 5-5.5' (H245585-21)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	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	5730	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 6-6.5' (H245585-22)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	5460	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 7-7.5' (H245585-23)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	5100	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 8-8.5' (H245585-24)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	2480	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 3 9-9.5' (H245585-25)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	2080	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 1 0-6" (H245585-26)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	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
Chloride	80.0	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/16/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/16/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 2 0-6" (H245585-27)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	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
Chloride	112	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 3 0-6" (H245585-28)**

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	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 4 0-6" (H245585-29)**

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	09/16/2024	ND	2.14	107	2.00	0.766	
Toluene*	<0.050	0.050	09/16/2024	ND	2.23	112	2.00	0.940	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	1.00	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.94	116	6.00	0.674	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	09/13/2024	Sampling Date:	09/13/2024
Reported:	09/18/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Alyssa Parras
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 5 0-6" (H245585-30)**

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	09/16/2024	ND	2.14	107	2.00	0.766	
Toluene*	<0.050	0.050	09/16/2024	ND	2.23	112	2.00	0.940	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	1.00	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.94	116	6.00	0.674	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	193	96.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	196	98.1	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





Chain of Custody

Work Order No: 1245585

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Company Name:	Devon Energy Production Company
Company Name:	NTG Environmental	Address:	209 W. McKay Street	
Address:	209 W. McKay Street	City, State ZIP:	Midland TX, 79701	
City, State ZIP:	Midland TX, 79701	Email:	esessums@ntglobal.com	
Phone:	432-701-2159			

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

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes
								TPH 8015M	Chloride SM4500 CL-B	BTEX 8021B	HOLD							
V-2	5-5.5	9/13/2024	9:30	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	None: NO
V-2	6-6.5	9/13/2024	9:33	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	Cool: Cool
V-2	7-7.5	9/13/2024	9:36	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	HCL, HC
V-2	8-8.5	9/13/2024	9:39	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub>
V-2	9-9.5	9/13/2024	9:42	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	H <sub>3</sub> PO <sub>4</sub> , HP
V-3	0-6"	9/13/2024	9:45	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	NaHSO <sub>4</sub> , NABIS
V-3	1-1.5	9/13/2024	9:48	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> , NaSO <sub>3</sub>
V-3	2-2.5	9/13/2024	9:51	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	Zn Acetate+NaOH: Zn
V-3	3-3.5	9/13/2024	9:54	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	NaOH+Ascorbic Acid: SAPC
V-3	4-4.5	9/13/2024	9:57	X	Grab	1	X	X	X	X	X	X	X	X	X	X	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Clayton Turnas	<i>[Signature]</i>	9/13/24 1334			2
					4
					6



Chain of Custody

Work Order No: H045885

Page 3 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	Devon Energy Production Company
Address:	209 W. McKay Street	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Red Bull 29 CTB 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	249136	Due Date:			
Project Location:	Lee County, New Mexico	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Clayton Turnas	Parameters			
PO #:	21406179	TPH 8015M			
<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 In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	5190		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.0%		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	28.2		
Total Containers:	30	Corrected Temperature:	28.2		

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
V-3	5-5.5	9/13/2024	10:00	X		Grab	1	X	None: NO	DI Water: H <sub>2</sub> O
V-3	6-6.5	9/13/2024	10:03	X		Grab	1	X	Cool: Cool	MeOH: Me
V-3	7-7.5	9/13/2024	10:06	X		Grab	1	X	HCL: HC	HNO <sub>3</sub> : HN
V-3	8-8.5	9/13/2024	10:09	X		Grab	1	X	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
V-3	9-9.5	9/13/2024	10:12	X		Grab	1	X	H <sub>3</sub> PO <sub>4</sub> : HP	
H-1	0-6"	9/13/2024	10:15	X		Grab	1	X	NaHSO <sub>4</sub> : NABIS	
H-2	0-6"	9/13/2024	10:18	X		Grab	1	X	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
H-3	0-6"	9/13/2024	10:21	X		Grab	1	X	Zn Acetate+NaOH: Zn	
H-4	0-6"	9/13/2024	10:24	X		Grab	1	X	NaOH+Ascorbic Acid: SAPC	
H-5	0-6"	9/13/2024	10:27	X		Grab	1	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9/13/24 13:41			



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September 30, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RED BULL 29 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 09/24/24 12:35.

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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 0-6 (H245793-01)**

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	09/26/2024	ND	1.95	97.5	2.00	2.77	
Toluene*	<0.050	0.050	09/26/2024	ND	2.07	103	2.00	1.50	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.11	106	2.00	1.03	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.49	108	6.00	0.996	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9000	16.0	09/26/2024	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	09/26/2024	ND	222	111	200	3.95	
<b>DRO &gt;C10-C28*</b>	<b>114</b>	10.0	09/26/2024	ND	210	105	200	3.43	
<b>EXT DRO &gt;C28-C36</b>	<b>15.7</b>	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 1-1.5 (H245793-02)**

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	09/26/2024	ND	1.95	97.5	2.00	2.77	
Toluene*	<0.050	0.050	09/26/2024	ND	2.07	103	2.00	1.50	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.11	106	2.00	1.03	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.49	108	6.00	0.996	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	09/26/2024	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	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 2-2.5 (H245793-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.95	97.5	2.00	2.77	
Toluene*	<0.050	0.050	09/26/2024	ND	2.07	103	2.00	1.50	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.11	106	2.00	1.03	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.49	108	6.00	0.996	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	5520	16.0	09/26/2024	ND	432	108	400	3.77	QM-07

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	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 3-3.5 (H245793-04)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	5280	16.0	09/26/2024	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	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 4-4.5 (H245793-05)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	5360	16.0	09/26/2024	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	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 1 5-5.5 (H245793-06)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	4320	16.0	09/26/2024	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	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 0-6 (H245793-07)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/26/2024	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	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	QM-07
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 1-1.5 (H245793-08)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	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
Chloride	8400	16.0	09/26/2024	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	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 2-2.5 (H245793-09)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	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
Chloride	3680	16.0	09/26/2024	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	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 3-3.5 (H245793-10)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	1540	16.0	09/26/2024	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	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: V - 2 4-4.5 (H245793-11)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	112	16.0	09/26/2024	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	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 1 0-6 (H245793-12)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	09/26/2024	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	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 2 0-6 (H245793-13)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	48.0	16.0	09/26/2024	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	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 3 0-6 (H245793-14)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	09/26/2024	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	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 4 0-6 (H245793-15)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	48.0	16.0	09/26/2024	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	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 5 0-6 (H245793-16)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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>48.0</b>	16.0	09/26/2024	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	09/26/2024	ND	189	94.6	200	2.95	
<b>DRO &gt;C10-C28*</b>	<b>16.7</b>	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: H - 6 0-6 (H245793-17)**

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	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	224	16.0	09/26/2024	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	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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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**

<b>Company Name:</b> NTGE <b>Project Manager:</b> Ethan Sessums <b>Address:</b> 209 West Melan St <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> 249136 <b>Project Owner:</b> Devon <b>Project Name:</b> Red Bull 29 CTB 2 9120124 <b>Project Location:</b> Lea County <b>Sampler Name:</b> Clayton T		<b>BILL TO</b> <b>P.O. #:</b> 21406179 <b>Company:</b> Devon <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b> <b>Lab I.D.:</b> H245793 <b>Sample I.D.:</b>		<b>MATRIX</b> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS: 6 GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> <b>PRESERV</b> ACID/BASE: <input type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SAMPLING</b> DATE: 4/24 TIME:	
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.		Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Thermometer ID #140 Correction Factor -0.6°C		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
<b>Relinquished By:</b> [Signature] <b>Date:</b> 4/24 <b>Time:</b> 12:35 <b>Received By:</b> [Signature] <b>Date:</b> 4/24 <b>Time:</b>		Observed Temp. °C: 0.9 Corrected Temp. °C: 0.3 Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature] (Initials)		Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: Corrected Temp. °C:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Turnaround Time:		Bacteria (only) Sample Condition:	

† 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**

<b>Company Name:</b> NTGE <b>Project Manager:</b> Ethan Sessums <b>Address:</b> 209 West McKay St <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> 249136 <b>Project Owner:</b> Devon <b>Project Name:</b> Red Bull 29 CTB 2 9120124 <b>Project Location:</b> Lea County <b>Sampler Name:</b> Clayton <small>FOR LAB USE ONLY</small>		<b>BILL TO</b> <b>P.O. #:</b> 21406179 <b>Company:</b> Devon <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>			
<b>Lab I.D.</b> H245793 11 12 13 14 15 16 17	<b>Sample I.D.</b> V-2 H-1 H-2 H-3 H-4 H-5 H-6	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	MATRIX PRESERV SAMPLING	DATE 9/24	TIME → → → → → →		
						Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
						Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
						All Results are emailed. Please provide Email address:	
						REMARKS:	
						Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
						Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	



Environment Testing

- 1
- 2
- 3
- 4
- 5
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- 8
- 9
- 10
- 11
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- 13
- 14

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Ethan Sessums  
NT Global

701 Tradewinds Blvd  
Midland, Texas 79706

Generated 11/4/2024 10:54:13 AM

## JOB DESCRIPTION

RED BULL 29 CTB 2  
248872

## JOB NUMBER

890-7319-1

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad NM 88220



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



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

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- 2
- 3
- 4
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- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Laboratory Job ID: 890-7319-1  
SDG: 248872

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	6
Surrogate Summary . . . . .	9
QC Sample Results . . . . .	10
QC Association Summary . . . . .	18
Lab Chronicle . . . . .	21
Certification Summary . . . . .	22
Method Summary . . . . .	23
Sample Summary . . . . .	24
Chain of Custody . . . . .	25
Receipt Checklists . . . . .	26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

## Definitions/Glossary

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: NT Global  
Project: RED BULL 29 CTB 2

Job ID: 890-7319-1

**Job ID: 890-7319-1**

**Eurofins Carlsbad**

### Job Narrative 890-7319-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The samples were received on 10/29/2024 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.8°C.

#### GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Diesel Range Organics

Method 8015MOD\_NM: The method blank for preparation batch 880-94386 and analytical batch 880-94393 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-94386 and analytical batch 880-94393 was outside the upper control limits.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94386 and analytical batch 880-94393 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: V - 1 (890-7319-2). Evidence of matrix interferences is not obvious.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-94523 and analytical batch 880-94538 was outside the upper control limits.

Method 8015MOD\_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-94523/2-A) and (LCSD 880-94523/3-A). Percent recoveries are based on the amount spiked.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94433 and analytical batch 880-94449 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: V - 1 (890-7319-2), (880-50438-A-11-A), (880-50438-A-11-B MS) and (880-50438-A-11-C MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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### Client Sample Results

Client: NT Global  
 Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
 SDG: 248872

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-1**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 6 - 6.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/30/24 09:04	10/30/24 16:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/30/24 09:04	10/30/24 16:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/30/24 09:04	10/30/24 16:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/30/24 09:04	10/30/24 16:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/30/24 09:04	10/30/24 16:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/30/24 09:04	10/30/24 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/30/24 09:04	10/30/24 16:42	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/30/24 09:04	10/30/24 16:42	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/30/24 16:42	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/30/24 13:26	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/30/24 09:03	10/30/24 13:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/30/24 09:03	10/30/24 13:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/30/24 09:03	10/30/24 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	10/30/24 09:03	10/30/24 13:26	1
o-Terphenyl	71		70 - 130	10/30/24 09:03	10/30/24 13:26	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63200		496		mg/Kg			10/30/24 20:05	50

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-2**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 7 - 7.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 17:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 17:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 17:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/30/24 09:04	10/30/24 17:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 17:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/30/24 09:04	10/30/24 17:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	10/30/24 09:04	10/30/24 17:03	1

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### Client Sample Results

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-2**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 7 - 7.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	10/30/24 09:04	10/30/24 17:03	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/30/24 17:03	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/30/24 13:42	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 13:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 13:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	10/30/24 09:03	10/30/24 13:42	1
o-Terphenyl	63	S1-	70 - 130	10/30/24 09:03	10/30/24 13:42	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5430		99.4		mg/Kg			10/30/24 23:33	10

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-3**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 8 - 8.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 18:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 18:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 18:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 18:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 18:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	11/01/24 09:25	11/01/24 18:24	1
1,4-Difluorobenzene (Surr)	88		70 - 130	11/01/24 09:25	11/01/24 18:24	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/01/24 18:24	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/31/24 17:35	1

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### Client Sample Results

Client: NT Global  
 Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
 SDG: 248872

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-3**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 8 - 8.5

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/31/24 13:33	10/31/24 17:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/31/24 13:33	10/31/24 17:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/31/24 13:33	10/31/24 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	10/31/24 13:33	10/31/24 17:35	1
o-Terphenyl	81		70 - 130	10/31/24 13:33	10/31/24 17:35	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/01/24 15:01	1

### Surrogate Summary

Client: NT Global  
 Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
 SDG: 248872

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-50531-A-26-D MS	Matrix Spike	102	102
880-50531-A-26-E MSD	Matrix Spike Duplicate	97	97
890-7317-A-1-D MS	Matrix Spike	104	99
890-7317-A-1-E MSD	Matrix Spike Duplicate	102	101
890-7319-1	V - 1	115	96
890-7319-2	V - 1	116	95
890-7319-3	V - 1	116	88
LCS 880-94387/1-A	Lab Control Sample	101	101
LCS 880-94585/1-A	Lab Control Sample	99	101
LCSD 880-94387/2-A	Lab Control Sample Dup	101	99
LCSD 880-94585/2-A	Lab Control Sample Dup	100	102
MB 880-94387/5-A	Method Blank	110	89
MB 880-94585/5-A	Method Blank	90	89

**Surrogate Legend**  
 BFB = 4-Bromofluorobenzene (Surr)  
 DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-50461-A-1-G MS	Matrix Spike	89	92
880-50461-A-1-H MSD	Matrix Spike Duplicate	89	90
890-7317-A-1-B MS	Matrix Spike	83	71
890-7317-A-1-C MSD	Matrix Spike Duplicate	82	70
890-7319-1	V - 1	91	71
890-7319-2	V - 1	80	63 S1-
890-7319-3	V - 1	88	81
LCS 880-94386/2-A	Lab Control Sample	122	114
LCS 880-94523/2-A	Lab Control Sample	172 S1+	176 S1+
LCSD 880-94386/3-A	Lab Control Sample Dup	113	102
LCSD 880-94523/3-A	Lab Control Sample Dup	172 S1+	175 S1+
MB 880-94386/1-A	Method Blank	133 S1+	109
MB 880-94523/1-A	Method Blank	139 S1+	132 S1+

**Surrogate Legend**  
 1CO = 1-Chlorooctane  
 OTPH = o-Terphenyl

### QC Sample Results

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

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

Lab Sample ID: MB 880-94387/5-A  
Matrix: Solid  
Analysis Batch: 94375

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 94387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/30/24 09:04	10/30/24 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/30/24 09:04	10/30/24 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/30/24 09:04	10/30/24 11:33	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/30/24 09:04	10/30/24 11:33	1

Lab Sample ID: LCS 880-94387/1-A  
Matrix: Solid  
Analysis Batch: 94375

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 94387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1065		mg/Kg		107	70 - 130
Toluene	0.100	0.1084		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1069		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2088		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-94387/2-A  
Matrix: Solid  
Analysis Batch: 94375

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 94387

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1001		mg/Kg		100	70 - 130	6	35
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	6	35
Ethylbenzene	0.100	0.1005		mg/Kg		100	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1948		mg/Kg		97	70 - 130	7	35
o-Xylene	0.100	0.09887		mg/Kg		99	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7317-A-1-D MS  
Matrix: Solid  
Analysis Batch: 94375

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 94387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09924		mg/Kg		99	70 - 130
Toluene	<0.00201	U	0.100	0.1008		mg/Kg		101	70 - 130

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### QC Sample Results

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

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

Lab Sample ID: 890-7317-A-1-D MS  
Matrix: Solid  
Analysis Batch: 94375

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 94387

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Ethylbenzene	<0.00201	U	0.100	0.09907		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1929		mg/Kg		96	70 - 130
o-Xylene	<0.00201	U	0.100	0.09683		mg/Kg		97	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7317-A-1-E MSD  
Matrix: Solid  
Analysis Batch: 94375

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 94387

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	<0.00201	U	0.100	0.09904		mg/Kg		99	70 - 130	0	35
Toluene	<0.00201	U	0.100	0.09974		mg/Kg		100	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.09800		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1908		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00201	U	0.100	0.09627		mg/Kg		96	70 - 130	1	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-94585/5-A  
Matrix: Solid  
Analysis Batch: 94485

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 94585

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/24 09:25	11/01/24 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/24 09:25	11/01/24 11:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	90		70 - 130	11/01/24 09:25	11/01/24 11:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130	11/01/24 09:25	11/01/24 11:50	1

Lab Sample ID: LCS 880-94585/1-A  
Matrix: Solid  
Analysis Batch: 94485

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 94585

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Benzene	0.100	0.09970		mg/Kg		100	70 - 130
Toluene	0.100	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09718		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1972		mg/Kg		99	70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
 SDG: 248872

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

Lab Sample ID: LCS 880-94585/1-A  
 Matrix: Solid  
 Analysis Batch: 94485

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 94585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09733		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-94585/2-A  
 Matrix: Solid  
 Analysis Batch: 94485

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 94585

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09588		mg/Kg		96	70 - 130	4	35
Toluene	0.100	0.09685		mg/Kg		97	70 - 130	4	35
Ethylbenzene	0.100	0.09294		mg/Kg		93	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1882		mg/Kg		94	70 - 130	5	35
o-Xylene	0.100	0.09297		mg/Kg		93	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-50531-A-26-D MS  
 Matrix: Solid  
 Analysis Batch: 94485

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 94585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08928		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.08755		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08505		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1708		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08459		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-50531-A-26-E MSD  
 Matrix: Solid  
 Analysis Batch: 94485

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 94585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08087		mg/Kg		81	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.07949		mg/Kg		79	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.07445		mg/Kg		74	70 - 130	13	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1480		mg/Kg		74	70 - 130	14	35
o-Xylene	<0.00200	U	0.100	0.07391		mg/Kg		74	70 - 130	13	35

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### QC Sample Results

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

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

Lab Sample ID: 880-50531-A-26-E MSD  
Matrix: Solid  
Analysis Batch: 94485

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 94585

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-94386/1-A  
Matrix: Solid  
Analysis Batch: 94393

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 94386

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/29/24 17:00	10/30/24 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/29/24 17:00	10/30/24 03:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/29/24 17:00	10/30/24 03:52	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	133	S1+	70 - 130	10/29/24 17:00	10/30/24 03:52	1
o-Terphenyl	109		70 - 130	10/29/24 17:00	10/30/24 03:52	1

Lab Sample ID: LCS 880-94386/2-A  
Matrix: Solid  
Analysis Batch: 94393

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 94386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	894.9		mg/Kg		89	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	122		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-94386/3-A  
Matrix: Solid  
Analysis Batch: 94393

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 94386

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	793.2		mg/Kg		79	70 - 130	12	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	113		70 - 130
o-Terphenyl	102		70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
 SDG: 248872

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

**Lab Sample ID: LCS 880-94523/2-A**  
**Matrix: Solid**  
**Analysis Batch: 94538**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 94523**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	172	S1+	70 - 130
o-Terphenyl	176	S1+	70 - 130

**Lab Sample ID: LCSD 880-94523/3-A**  
**Matrix: Solid**  
**Analysis Batch: 94538**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 94523**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1129		mg/Kg		113	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	1000	1064		mg/Kg		106	70 - 130	4	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	172	S1+	70 - 130
o-Terphenyl	175	S1+	70 - 130

**Lab Sample ID: 880-50461-A-1-G MS**  
**Matrix: Solid**  
**Analysis Batch: 94538**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 94523**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	868.3		mg/Kg		87	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	949.0		mg/Kg		95	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	89		70 - 130
o-Terphenyl	92		70 - 130

**Lab Sample ID: 880-50461-A-1-H MSD**  
**Matrix: Solid**  
**Analysis Batch: 94538**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 94523**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	873.0		mg/Kg		87	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	937.9		mg/Kg		94	70 - 130	1	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	89		70 - 130
o-Terphenyl	90		70 - 130

### QC Sample Results

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

**Method: 300.0 - Anions, Ion Chromatography**

Lab Sample ID: MB 880-94417/1-A  
Matrix: Solid  
Analysis Batch: 94425

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/30/24 17:41	1

Lab Sample ID: LCS 880-94417/2-A  
Matrix: Solid  
Analysis Batch: 94425

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-94417/3-A  
Matrix: Solid  
Analysis Batch: 94425

Client Sample ID: Lab Control Sample Dup  
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.9		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 890-7316-A-9-B MS  
Matrix: Solid  
Analysis Batch: 94425

Client Sample ID: Matrix Spike  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	104		249	350.9		mg/Kg		99	90 - 110

Lab Sample ID: 890-7316-A-9-C MSD  
Matrix: Solid  
Analysis Batch: 94425

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104		249	351.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-94433/1-A  
Matrix: Solid  
Analysis Batch: 94449

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/30/24 21:10	1

Lab Sample ID: LCS 880-94433/2-A  
Matrix: Solid  
Analysis Batch: 94449

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-94433/3-A  
Matrix: Solid  
Analysis Batch: 94449

Client Sample ID: Lab Control Sample Dup  
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	260.3		mg/Kg		104	90 - 110	3	20

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### QC Sample Results

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-50438-A-11-B MS  
Matrix: Solid  
Analysis Batch: 94449

Client Sample ID: Matrix Spike  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	702	F1	253	937.2		mg/Kg		93	90 - 110

Lab Sample ID: 880-50438-A-11-C MSD  
Matrix: Solid  
Analysis Batch: 94449

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	702	F1	253	894.1	F1	mg/Kg		76	90 - 110	5	20

Lab Sample ID: MB 880-94544/1-A  
Matrix: Solid  
Analysis Batch: 94588

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/01/24 12:31	1

Lab Sample ID: LCS 880-94544/2-A  
Matrix: Solid  
Analysis Batch: 94588

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.8		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-94544/3-A  
Matrix: Solid  
Analysis Batch: 94588

Client Sample ID: Lab Control Sample Dup  
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	231.0		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-50511-A-4-B MS  
Matrix: Solid  
Analysis Batch: 94588

Client Sample ID: Matrix Spike  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	420		251	655.7		mg/Kg		94	90 - 110

Lab Sample ID: 880-50511-A-4-C MSD  
Matrix: Solid  
Analysis Batch: 94588

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	420		251	660.7		mg/Kg		96	90 - 110	1	20

### QC Association Summary

Client: NT Global  
 Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
 SDG: 248872

#### GC VOA

##### Analysis Batch: 94375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Total/NA	Solid	8021B	94387
890-7319-2	V - 1	Total/NA	Solid	8021B	94387
MB 880-94387/5-A	Method Blank	Total/NA	Solid	8021B	94387
LCS 880-94387/1-A	Lab Control Sample	Total/NA	Solid	8021B	94387
LCSD 880-94387/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94387
890-7317-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	94387
890-7317-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94387

##### Prep Batch: 94387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Total/NA	Solid	5035	
890-7319-2	V - 1	Total/NA	Solid	5035	
MB 880-94387/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94387/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94387/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7317-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-7317-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Analysis Batch: 94485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-3	V - 1	Total/NA	Solid	8021B	94585
MB 880-94585/5-A	Method Blank	Total/NA	Solid	8021B	94585
LCS 880-94585/1-A	Lab Control Sample	Total/NA	Solid	8021B	94585
LCSD 880-94585/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	94585
880-50531-A-26-D MS	Matrix Spike	Total/NA	Solid	8021B	94585
880-50531-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	94585

##### Analysis Batch: 94509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Total/NA	Solid	Total BTEX	
890-7319-2	V - 1	Total/NA	Solid	Total BTEX	
890-7319-3	V - 1	Total/NA	Solid	Total BTEX	

##### Prep Batch: 94585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-3	V - 1	Total/NA	Solid	5035	
MB 880-94585/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-94585/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-94585/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-50531-A-26-D MS	Matrix Spike	Total/NA	Solid	5035	
880-50531-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

#### GC Semi VOA

##### Prep Batch: 94386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Total/NA	Solid	8015NM Prep	
890-7319-2	V - 1	Total/NA	Solid	8015NM Prep	
MB 880-94386/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94386/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

## QC Association Summary

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

## GC Semi VOA (Continued)

## Prep Batch: 94386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7317-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7317-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 94393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Total/NA	Solid	8015B NM	94386
890-7319-2	V - 1	Total/NA	Solid	8015B NM	94386
MB 880-94386/1-A	Method Blank	Total/NA	Solid	8015B NM	94386
LCS 880-94386/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94386
LCSD 880-94386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94386
890-7317-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	94386
890-7317-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	94386

## Analysis Batch: 94505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Total/NA	Solid	8015 NM	
890-7319-2	V - 1	Total/NA	Solid	8015 NM	
890-7319-3	V - 1	Total/NA	Solid	8015 NM	

## Prep Batch: 94523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-3	V - 1	Total/NA	Solid	8015NM Prep	
MB 880-94523/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-94523/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-94523/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-50461-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-50461-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 94538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-3	V - 1	Total/NA	Solid	8015B NM	94523
MB 880-94523/1-A	Method Blank	Total/NA	Solid	8015B NM	94523
LCS 880-94523/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	94523
LCSD 880-94523/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	94523
880-50461-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	94523
880-50461-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	94523

## HPLC/IC

## Leach Batch: 94417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Soluble	Solid	DI Leach	
MB 880-94417/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94417/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94417/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7316-A-9-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-7316-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 94425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-1	V - 1	Soluble	Solid	300.0	94417

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## QC Association Summary

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

## HPLC/IC (Continued)

## Analysis Batch: 94425 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-94417/1-A	Method Blank	Soluble	Solid	300.0	94417
LCS 880-94417/2-A	Lab Control Sample	Soluble	Solid	300.0	94417
LCSD 880-94417/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94417
890-7316-A-9-B MS	Matrix Spike	Soluble	Solid	300.0	94417
890-7316-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94417

## Leach Batch: 94433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-2	V - 1	Soluble	Solid	DI Leach	
MB 880-94433/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94433/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94433/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50438-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-50438-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 94449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-2	V - 1	Soluble	Solid	300.0	94433
MB 880-94433/1-A	Method Blank	Soluble	Solid	300.0	94433
LCS 880-94433/2-A	Lab Control Sample	Soluble	Solid	300.0	94433
LCSD 880-94433/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94433
880-50438-A-11-B MS	Matrix Spike	Soluble	Solid	300.0	94433
880-50438-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94433

## Leach Batch: 94544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-3	V - 1	Soluble	Solid	DI Leach	
MB 880-94544/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-94544/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-94544/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-50511-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-50511-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 94588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7319-3	V - 1	Soluble	Solid	300.0	94544
MB 880-94544/1-A	Method Blank	Soluble	Solid	300.0	94544
LCS 880-94544/2-A	Lab Control Sample	Soluble	Solid	300.0	94544
LCSD 880-94544/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	94544
880-50511-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	94544
880-50511-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	94544

Eurofins Carlsbad

### Lab Chronicle

Client: NT Global  
 Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
 SDG: 248872

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-1**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	94387	10/30/24 09:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94375	10/30/24 16:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94509	10/30/24 16:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			94505	10/30/24 13:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	94386	10/30/24 09:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94393	10/30/24 13:26	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	94417	10/30/24 12:56	SA	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	94425	10/30/24 20:05	SMC	EET MID

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-2**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94387	10/30/24 09:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94375	10/30/24 17:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94509	10/30/24 17:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			94505	10/30/24 13:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	94386	10/30/24 09:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94393	10/30/24 13:42	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	94433	10/30/24 14:59	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	94449	10/30/24 23:33	SMC	EET MID

**Client Sample ID: V - 1**

**Lab Sample ID: 890-7319-3**

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	94585	11/01/24 09:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	94485	11/01/24 18:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			94509	11/01/24 18:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			94505	10/31/24 17:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	94523	10/31/24 13:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94538	10/31/24 17:35	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	94544	10/31/24 15:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	94588	11/01/24 15:01	CH	EET MID

**Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

### Accreditation/Certification Summary

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

#### Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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### Method Summary

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



### Sample Summary

Client: NT Global  
Project/Site: RED BULL 29 CTB 2

Job ID: 890-7319-1  
SDG: 248872

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-7319-1	V - 1	Solid	10/29/24 00:00	10/29/24 16:30	6 - 6.5
890-7319-2	V - 1	Solid	10/29/24 00:00	10/29/24 16:30	7 - 7.5
890-7319-3	V - 1	Solid	10/29/24 00:00	10/29/24 16:30	8 - 8.5

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Chain of Custody

Work Order No: \_\_\_\_\_

Page 1 of 1

Project Manager: Ethan Sessums  
 Company Name: NTG Environmental  
 Address: 209 W. McKay Street  
 City, State ZIP: Catlsbad NM, 88220  
 Phone: 432-701-2159  
 Email: esessums@ntglobal.com

Bill to: (if different) Jim Ralley  
 Company Name: Devon Energy Production Company  
 Address:  
 City, State ZIP:

Program: UST/PST  PRP  Brownfields  RRC  Superfund   
 State of Project:  
 Reporting Level I  Level II  Level III  PST/UST  RRP  Level IV   
 Deliverables: EDD  ADAPT  Other:

Project Name:	Red Bull 29 CTB 2	Turn Around	Pres. Code	ANALYSIS REQUEST				Preservative Codes
Project Number:	249136	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush						None: NO DI Water: H <sub>2</sub> O
Project Location:	Lea County, NM	Due Date:						Cool: Cool MeOH: Me
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm						HCL HC HNO <sub>3</sub> HN
PO #:	21406179							H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub> NaOH: Na
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes/No	Wet Ice:	Yes/No			H <sub>3</sub> PO <sub>4</sub> HP
Received-Inact:	Yes/No	Thermometer ID:						NaHSO <sub>4</sub> NABIS
Cooler Custody Seals:	Yes/No	Correction Factor:						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NASO <sub>3</sub>
Sample Custody Seals:	Yes/No	Temperature Reading:						Zn Acetate+NaOH: Zn
Total Containers:	3	Corrected Temperature:						NaOH+Ascorbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
V-1	6-6.5'	10/28/2024		X		Grab	1	
V-1	7-7.5'	10/28/2024		X		Grab	1	
V-1	8-8.5'	10/28/2024		X		Grab	1	

890-7319 Chain of Custody

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/29 1630			

### Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7319-1

SDG Number: 248872

**Login Number: 7319**

**List Number: 1**

**Creator: Bruns, Shannon**

**List Source: Eurofins Carlsbad**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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### Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7319-1

SDG Number: 248872

**Login Number: 7319**

**List Number: 2**

**Creator: Rodriguez, Leticia**

**List Source: Eurofins Midland**

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

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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

---

February 20, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RED BULL 29 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 02/14/25 12:09.

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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: CS - 1 (H250904-01)**

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	02/14/2025	ND	1.90	94.8	2.00	3.80	
Toluene*	<0.050	0.050	02/14/2025	ND	2.03	101	2.00	0.925	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.11	105	2.00	0.684	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.46	108	6.00	0.677	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	54.5	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	22.7	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: CS - 2 (H250904-02)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 108 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: CS - 3 (H250904-03)**

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	02/14/2025	ND	2.01	101	2.00	1.46		
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36		
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298		
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384		
Total BTEX	<0.300	0.300	02/14/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59		
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86		
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND						

Surrogate: 1-Chlorooctane 102 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 1 (H250904-04)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 2 (H250904-05)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	8000	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 3 (H250904-06)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 4 (H250904-07)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	3600	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 5 (H250904-08)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 6 (H250904-09)**

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	02/14/2025	ND	2.01	101	2.00	1.46		
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36		
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298		
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384		
Total BTEX	<0.300	0.300	02/14/2025	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	80.0	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59		
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86		
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND						

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

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

Received:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--2ND SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 7 (H250904-10)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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

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Celey D. Keene, Lab Director/Quality Manager





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February 20, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RED BULL 29 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 02/14/25 12:01.

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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: CS - 1 (H250905-01)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: CS - 2 (H250905-02)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: CS - 3 (H250905-03)**

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	02/14/2025	ND	2.01	101	2.00	1.46		
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36		
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298		
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384		
Total BTEX	<0.300	0.300	02/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	4080	16.0	02/14/2025	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	02/14/2025	ND	194	96.9	200	2.59		
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86		
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: CS - 4 (H250905-04)**

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	02/14/2025	ND	2.01	101	2.00	1.46		
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36		
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298		
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384		
Total BTEX	<0.300	0.300	02/14/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	02/17/2025	ND	416	104	400	0.00	QM-07	

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	02/14/2025	ND	194	96.9	200	2.59		
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86		
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND						

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 1 (H250905-05)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	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	80.0	16.0	02/17/2025	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	02/14/2025	ND	194	96.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	194	97.1	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 64.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 2 (H250905-06)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	02/17/2025	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	02/14/2025	ND	185	92.5	200	0.281	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	190	95.2	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 3 (H250905-07)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/17/2025	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	02/14/2025	ND	185	92.5	200	0.281	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	190	95.2	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 4 (H250905-08)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21200	16.0	02/17/2025	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	02/14/2025	ND	185	92.5	200	0.281	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	190	95.2	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136--1ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: SW - 5 (H250905-09)**

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	02/14/2025	ND	2.01	101	2.00	1.46	
Toluene*	<0.050	0.050	02/14/2025	ND	2.13	107	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.31	115	2.00	0.298	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.93	115	6.00	0.0384	
Total BTEX	<0.300	0.300	02/14/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	02/17/2025	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	02/14/2025	ND	185	92.5	200	0.281	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	190	95.2	200	1.72	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Notes and Definitions

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

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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

<b>Company Name:</b> NTE <b>Project Manager:</b> Ethna Sessions <b>Address:</b> 209 West McKay St <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> 249136 <b>Project Owner:</b> Devon <b>Project Name:</b> Red Bull 29 CTR 2 1st Spill <b>Project Location:</b> Lea County, NM <b>Sampler Name:</b> Clayburg		<b>BILL TO</b> <b>P.O. #:</b> 21406176 <b>Company:</b> Devon <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>	
<b>Lab I.D.</b> HX50905 <b>Sample I.D.</b>		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV. SAMPLING	
1 CS-1 2 CS-2 3 CS-3 4 CS-4 5 SW-1 6 SW-2 7 SW-3 8 SW-4 9 SW-5		C 1 1 X 2 12/14 10:00		BTEX TPH Chloride	
<b>PLEASE NOTE:</b> 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.		<b>Releinquished By:</b> [Signature] <b>Date:</b> 2/14/14 <b>Time:</b> 12:07		<b>Received By:</b> [Signature] <b>Date:</b> <b>Time:</b>	
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other:		<b>Observed Temp. °C:</b> 5.0 <b>Corrected Temp. °C:</b> 5.3		<b>Sample Condition</b> Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Turnaround Time:</b> 2.14.25 Standard Rush Thermometer ID #140 Correction Factor -0.3°C		<b>Checked By:</b> [Signature] Initials:		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Observed Temp. °C Corrected Temp. °C	
<b>Remarks:</b> All Results are emailed. Please provide Email address.		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		Add'l Phone #:	

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



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March 11, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RED BULL 29 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 03/05/25 11:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 1 0-6" (H251300-01)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	216	108	200	7.60	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 1 1-1.5' (H251300-02)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	216	108	200	7.60	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 1 2-2.5' (H251300-03)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	1340	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 1 3-3.5' (H251300-04)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 1 4-4.5' (H251300-05)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	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	32.0	16.0	03/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 2 0-6" (H251300-06)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	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	9730	16.0	03/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 2 1-1.5' (H251300-07)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	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	2520	16.0	03/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 2 2-2.5' (H251300-08)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	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	1520	16.0	03/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 2 3-3.5' (H251300-09)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59		
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16		
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46		
Total BTEX	<0.300	0.300	03/06/2025	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	784	16.0	03/06/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22		
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107		
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND						

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DV - 2 4-4.5' (H251300-10)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59		
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16		
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46		
Total BTEX	<0.300	0.300	03/06/2025	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	144	16.0	03/06/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22		
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107		
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND						

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DH - 1 0-6" (H251300-11)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	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	160	16.0	03/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/05/2025	Sampling Date:	03/05/2025
Reported:	03/11/2025	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	249136 - SPILL 1	Sample Received By:	Tamara Oldaker
Project Location:	DEVON LEA COUNTY, NM		

**Sample ID: DH - 2 0-6" (H251300-12)**

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	03/06/2025	ND	1.92	96.2	2.00	2.59	
Toluene*	<0.050	0.050	03/06/2025	ND	2.24	112	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.26	113	2.00	2.16	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.92	115	6.00	1.46	
Total BTEX	<0.300	0.300	03/06/2025	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	176	16.0	03/06/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/06/2025	ND	197	98.3	200	0.107	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: HTG **BILL TO** **ANALYSIS REQUEST**

Project Manager: Ethan Sessions P.O. #: 21406176  
 Address: 209 W McKay St Company: Devon  
 City: Artstow State: NM zip: 86502 Attn: Jim Raley  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_ Address: \_\_\_\_\_  
 Project #: 249136 Project Owner: Devon City: \_\_\_\_\_  
 Project Name: Reid Bill 29 CTB 2 spill 1 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: Lea Co, NM Phone #: \_\_\_\_\_  
 Sampler Name: Kenny Kern Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	FOR LAB USE ONLY	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME							
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			ICE / COOL	OTHER :					
<u>AB51300</u>	<u>DV-1</u>		<u>G</u>	<u>1</u>			<u>X</u>					<u>3/5</u>		<u>BTEX</u>						
<u>1</u>																				
<u>2</u>																				
<u>3</u>																				
<u>4</u>																				
<u>5</u>																				
<u>6</u>																				
<u>7</u>																				
<u>8</u>																				
<u>9</u>																				
<u>10</u>																				

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Relinquished By: \_\_\_\_\_ Date: 3/5/25 Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: 3/5 Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_ Time: \_\_\_\_\_  
 Date: \_\_\_\_\_ Date: \_\_\_\_\_  
 Time: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C 37 Sample Condition  Cool  Intact  Yes  No  
 Sampler - UPS - Bus - Other: Corrected Temp. °C 40  Yes  No  
 CHECKED BY: (Initials) AP  
 Turnaround Time: \_\_\_\_\_ Standard   Add'l Phone #: \_\_\_\_\_  
 Thermometer ID #140  Bacteria (only)  Sample Condition  
 Correction Factor +0.3°C  Cool  Intact  Observed Temp. °C  
 Yes  No  No  No  No  No  No  
 Corrected Temp. °C \_\_\_\_\_

† 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**

<b>Company Name:</b> PFGT <b>Project Manager:</b> Ethan Serrano <b>Address:</b> 209 W. McKay St <b>City:</b> Carlsbad State: NM zip: 88220 <b>Phone #:</b> Project Owner: <b>Project #:</b> 244936 <b>Project Name:</b> Red bull 209 CTB 2 Spill 1 <b>Project Location:</b> New Co, NM <b>Sampler Name:</b> Kenny Hill <small>FOR LAB USE ONLY</small>		<b>Bill To</b> <b>P.O. #:</b> 21406176 <b>Company:</b> Devon <b>Attn:</b> Tim Raley <b>Address:</b> <b>City:</b> <b>State:</b> zip: <b>Phone #:</b> <b>Fax #:</b>		<b>Analysis Request</b>	
<b>Lab I.D.</b> H257300 11 12	<b>Sample I.D.</b> DH-1 DH-2 O-6" O-6"	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX SOIL X OIL X	PRESERV. DATE TIME	BIEX TPH Chloride
<b>Relinquished By:</b> [Signature] <b>Date:</b> 3/5/25 <b>Time:</b> 1145		<b>Received By:</b> [Signature] <b>Date:</b> 3/5/25 <b>Time:</b> 1145		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <b>REMARKS:</b> All Results are emailed. Please provide Email address:	
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: 37 Corrected Temp. °C: 40 Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor +0.3°C Bacteria (only) Sample Condition: Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C	

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

**From:** [Kenny Han](#)  
**To:** [Wells, Shelly, EMNRD](#)  
**Cc:** [Ethan Sessums](#)  
**Subject:** FW: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2  
**Date:** Wednesday, April 30, 2025 1:06:20 PM  
**Attachments:** [image002.png](#)

Shelly,

Yes, you are correct we had a discussion where we believed that there was a clerical error when the initial coordinates for the Red Bull 29 CTB 2 were placed into the NMOCD database. We forgot to update the deferral report to reflect that change.

The correct coordinates for the site should be 32.271281, -103.385253  
We're sorry about the confusion regarding the coordinates.

Thanks,  
 Kenny Han  
 Project Scientist  
 NTG Environmental New Mexico  
 209 W. McKay Street, Carlsbad, NM 88220  
 M: 512-496-4197 W: 575-988-8856  
 Email: [Khan@ntglobal.com](mailto:Khan@ntglobal.com)  
<http://www.ntgenvironmental.com/>



**From:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Sent:** Wednesday, April 30, 2025 1:00 PM  
**To:** Kenny Han <[KHan@ntglobal.com](mailto:KHan@ntglobal.com)>  
**Subject:** FW: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

**Ethan Sessums**  
 Jr. Field Ops Manager | **NTG Environmental**  
 M:432-701-2159 P:254-266-5456 | [esessums@ntglobal.com](mailto:esessums@ntglobal.com)  
[209 West McKay St. Carlsbad NM, 88220](#)



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**From:** Ethan Sessums  
**Sent:** Tuesday, December 10, 2024 3:13 PM  
**To:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Cc:** Kenny Han <[KHan@ntglobal.com](mailto:KHan@ntglobal.com)>  
**Subject:** RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

32.271281, -103.385253

Oh, my goodness I can't win today I have no clue how that happened weird.

Sorry for the confusion.

**Ethan Sessums**  
 Jr. Field Ops Manager | **NTG Environmental**  
 M:432-701-2159 P:254-266-5456 | [esessums@ntglobal.com](mailto:esessums@ntglobal.com)  
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**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Tuesday, December 10, 2024 3:08 PM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Cc:** Kenny Han <[KHan@ntglobal.com](mailto:KHan@ntglobal.com)>  
**Subject:** RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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Hi Ethan,

Can you please verify the first set of coordinates as it does not put me on the correct pad. The latitude is correct but the longitude is off.

**From:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Sent:** Tuesday, December 10, 2024 3:00 PM  
**To:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Cc:** Kenny Han <[KHan@ntglobal.com](mailto:KHan@ntglobal.com)>  
**Subject:** RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

Perfect yes ma'am here they are.

Red Bull 29 CTB 2 (1st spill) - 32.271281, -103.271281 / nAPP2425341702

Red Bull 29 CTB 2 (2nd spill) - 32.270884, -103.385371 /nAPP2426476658

**Ethan Sessums**

Jr. Field Ops Manager | **NTG Environmental**  
M:432-701-2159 P:254-266-5456 [jesessums@ntglobal.com](mailto:jesessums@ntglobal.com)  
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**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Tuesday, December 10, 2024 2:50 PM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Cc:** Kenny Han <[KHan@ntglobal.com](mailto:KHan@ntglobal.com)>  
**Subject:** RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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Hi Ethan,

Thank you for getting back to me on this one and providing the photos/etc. to verify the location of the releases. Can you please email me the correct latitude and longitude of the release locations so that the incidents can be updated to reflect this? Also, when you submit your closure reports/deferral requests please ensure the correct lat and long are updated in the reports themselves. That will be all that is needed to address this.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520|[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

**From:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Sent:** Tuesday, December 10, 2024 2:07 PM  
**To:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Cc:** Kenny Han <[KHan@ntglobal.com](mailto:KHan@ntglobal.com)>  
**Subject:** RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

We have attached both the satellite imagery along with the NMOCD wells map that currently shows the incorrect site location, which has no visible equipment on the pad, along with the spill reference materials that Devon provided for us which indicates that the spill occurred on the pad to the northeast of the GPS coordinates that were written on the C-141.

After referencing additional field information collected on the initial site visit it is clear that the C-141 coordinates are incorrect. Please let us know how you want to proceed.

**Ethan Sessums**

Jr. Field Ops Manager | **NTG Environmental**  
M:432-701-2159 P:254-266-5456 [jesessums@ntglobal.com](mailto:jesessums@ntglobal.com)  
209 West McKay St. Carlsbad NM, 88220



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**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Tuesday, December 10, 2024 10:56 AM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Subject:** RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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Okay sounds good Ethan!

**From:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Sent:** Tuesday, December 10, 2024 10:20 AM  
**To:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Subject:** [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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Let me look into this, it wouldn't be the first time the c-141 location was incorrect.

**Ethan Sessums**

Jr. Field Operations Manager  
NTGE New Mexico  
209 W McKay St. Carlsbad, NM 88220  
M: (254)-266-5456 W: (432)-701-2159  
Email: [esessums@ntglobal.com](mailto:esessums@ntglobal.com)

**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrn.nm.gov](mailto:Shelly.Wells@emnrn.nm.gov)>  
**Sent:** Tuesday, December 10, 2024 10:17:37 AM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Subject:** NAPP2425341702 RED BULL 29 CTB 2

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Hi Ethan,

I am reviewing the submitted remediation plans for Red Bull 29 CTB 2 and the location of both releases entered in the initial C-141 puts it here: 32.26943,-103.39078



However the figures provided look like they are located .35 miles to the northeast of there-on the pad located at top right of screenshot. Also the photographs provided were taken at that location to the northeast. Can you please explain?

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520|[Shelly.Wells@emnrn.nm.gov](mailto:Shelly.Wells@emnrn.nm.gov)  
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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 449468

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449468
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2425341702
Incident Name	NAPP2425341702 RED BULL 29 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2122855592] RED BULL 29 CTB 2

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	RED BULL 29 CTB 2
Date Release Discovered	09/07/2024
Surface Owner	Federal

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

<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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Coupling   Produced Water   Released: 9 BBL   Recovered: 0 BBL   Lost: 9 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Leak at VIC clamp on main water line to gun barrel. 8.7 bbls spilled onto pad.

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Phone: (505) 476-3441

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

QUESTIONS, Page 2

Action 449468

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449468
	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: 04/08/2025
--	--

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 449468

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449468
	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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (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)	63200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	401
GRO+DRO (EPA SW-846 Method 8015M)	319
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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	01/06/2025
On what date will (or did) the final sampling or liner inspection occur	02/14/2025
On what date will (or was) the remediation complete(d)	03/14/2025
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	1000
What is the estimated volume (in cubic yards) that will be remediated	135

*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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Phone: (505) 476-3441

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

QUESTIONS, Page 4

Action 449468

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449468
	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	LEA LAND LANDFILL [fEEM0112342028]
<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@dv.com Date: 04/08/2025
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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 449468

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449468
	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 area is located directly under production flow lines, directly adjacent to separators, and near an electrical unit.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	1791
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	337
<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	RED BULL 29 CTB 2 [fAPP2122855592]
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.ralej@dvsn.com Date: 04/08/2025

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QUESTIONS, Page 6

Action 449468

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449468
	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>430867</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>02/14/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>30</b>
What was the sampling surface area in square feet	<b>1400</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 449468

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 449468
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	Deferral approved. Deferral of SW-4 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	4/30/2025