

April 3, 2025

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

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

Re: Site Characterization and Remediation 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.

Creating a Better Environment For Oil & Gas Operations 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 <sup>1</sup>/<sub>2</sub>-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	BTEX	Benzene
		(GRO+DRO+MRO)			
19.15.23.12 Remediation					
and Closure Criteria for	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Soils Impacted by a Release					
>4ft					
19.15.29.13					
Restoration, Reclamation	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
and Re-Vegetation (<4ft)	0.0			0.0	0.0
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) *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. All other analytes were below 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

#### Table 1 Summary of Soil Analytical Data - Initial Assesment Samples Red Bull 29 CTB 2 (naPP2425341702) Devon Energy Production Corporation Lea County, New Mexico

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Sample ID	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Table		ria for Soil ≤ 50 f	eet Depth to Gro	oundwater 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												
	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	319	319	82	401	17,600
	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	3,880
V-1	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	880
	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	112
	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	48.0
	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.0	31.0	<10.1	31.0	11,000
	9/13/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.8	26.8	<10.2	26.8	5,920
	9/13/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.1	20.1	<10.3	20.1	7,000
	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	7,120
V-2	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	6,640
V-Z	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	5,600
	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	5,520
	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	4,560
	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	2,520
	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	1,600
	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	13,400
	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	9,400
	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	6,100
	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	7,440
V-3	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	6,320
V-3	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	5,730
	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	5,460
	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	5,100
	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	2,480
	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	2,080
						Horizo	ntal Delineatio	n 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	80.0
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	112
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	96.0
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	64.0
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	96.0

1. Values reported in mg/kg

2.< = Value Less Than Reporting Limit (RL) 6. GRO/I

3. Bold indicates Analyte Detected

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).

4. BTEX analyses by EPA Method SW 8021B

9. --- Not Analyzed

Received by OCD: 4/8/2025 8:00:45 AM

#### Table 1 Summary of Soil Analytical Data - Delineation Samples Red Bull 29 CTB 2 (nAPP2426476658) Devon Energy Production Corporation Lea County, New Mexico

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Sample ID	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
Sumple is	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Table	-	ria for Soil ≤ 50 fe	eet Depth to Gro	undwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		1000 mg/kg	20,000 mg/kg
		Vertical Delineation Samples											
	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	114	114	15.7	129.7	9,000
	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	7,400
	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	5,520
	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	5,280
V-1	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	5,360
	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	4,320
	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	63,200
	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	5,430
	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
	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	288
	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	8,400
V-2	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	3,680
	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	1,540
	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	112
						Horizo	ntal Delineation	n 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	80.0
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	48.0
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	64.0
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	48.0
H-5	9/24/2024	0-0.5'	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	16.7	16.7	<10.0	16.7	48.0
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	224
Values reported in r					bod SW 8015 Mod								

1. Values reported in mg/kg

5. TPH analyses by EPA Method SW 8015 Mod. 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

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

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site. 4. BTEX analyses by EPA Method SW 8021B

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

Sample Point Excavated

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

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Sample ID	Sample	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Table		ria for Soil >100 f	eet Depth to Gro	oundwater 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								1					
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 Samp	les					
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 Samp	les					
	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
DV-1	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
	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
DV-2	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

4. BTEX analyses by EPA Method SW 8021B

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5. TPH analyses by EPA Method SW 8015 Mod.

 2.
 = Value Less Than Reporting Limit (RL)
 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

 3. Bold indicates Analyte Detected
 7. Yellow shaded cells indicate analytical sample

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).

SP-1 Sample Point Excavated 9

9. --- Not Analyzed

#### Table 2 Summary of Soil Analytical Data - Confirmation Sample Red Bull 29 CTB 2 (nAPP2426476658) **Devon Energy Production Corporation** Lea County, New Mexico

										ТРН			
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Sample ID	Sample	Depth					(	(C6-C10)	(C10-C28)	(C6-C28)	(C28-C35)	(C6-C35)	
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		Table I Closure Criteria for Soil >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
						Verti	cal Delineation	Samples					
CS-1	2/14/2025	2	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	54.5	54.5	22.7	77.2	12,000
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	848
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	64.0
						Horizo	ontal Delineatio	n Samples					
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	10,000
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	8,000
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	6,660
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	3,600
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	512
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	80.0
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	80.0

1. Values reported in mg/kg

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

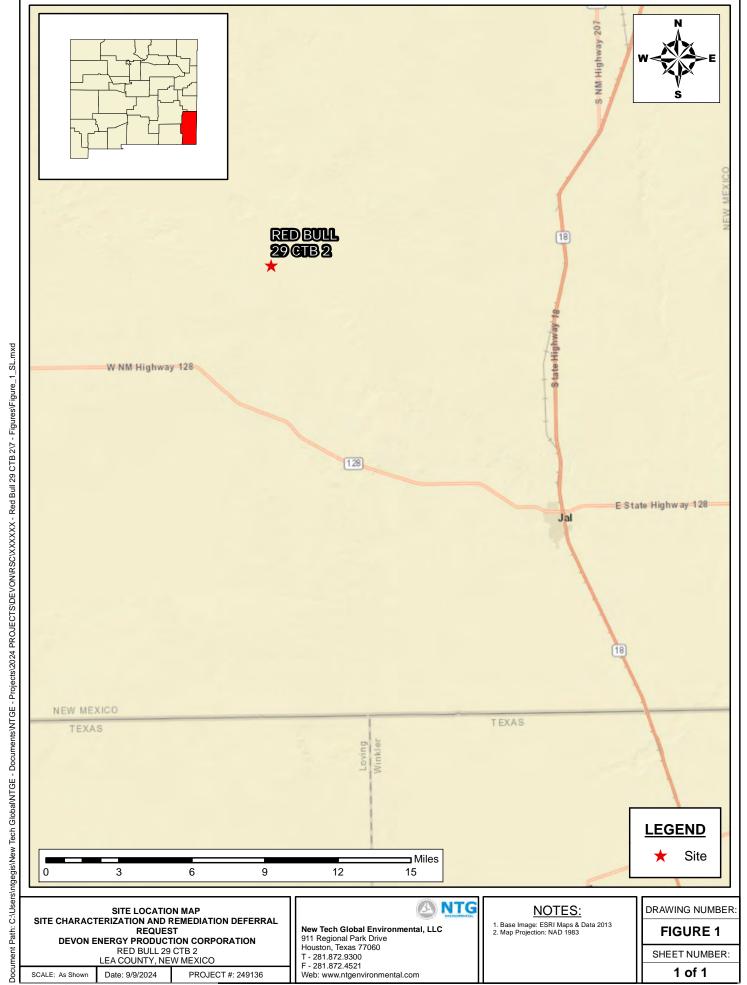
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

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).

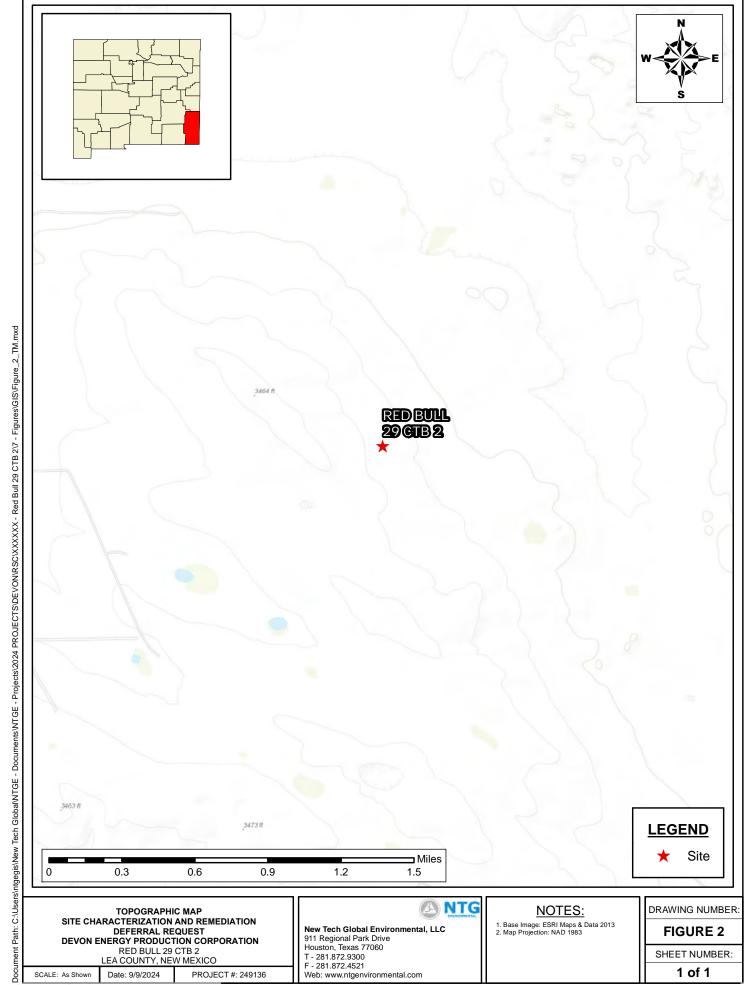
Sample Point Excavated 9. --- Not Analyzed

4. BTEX analyses by EPA Method SW 8021B

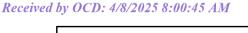
# FIGURES

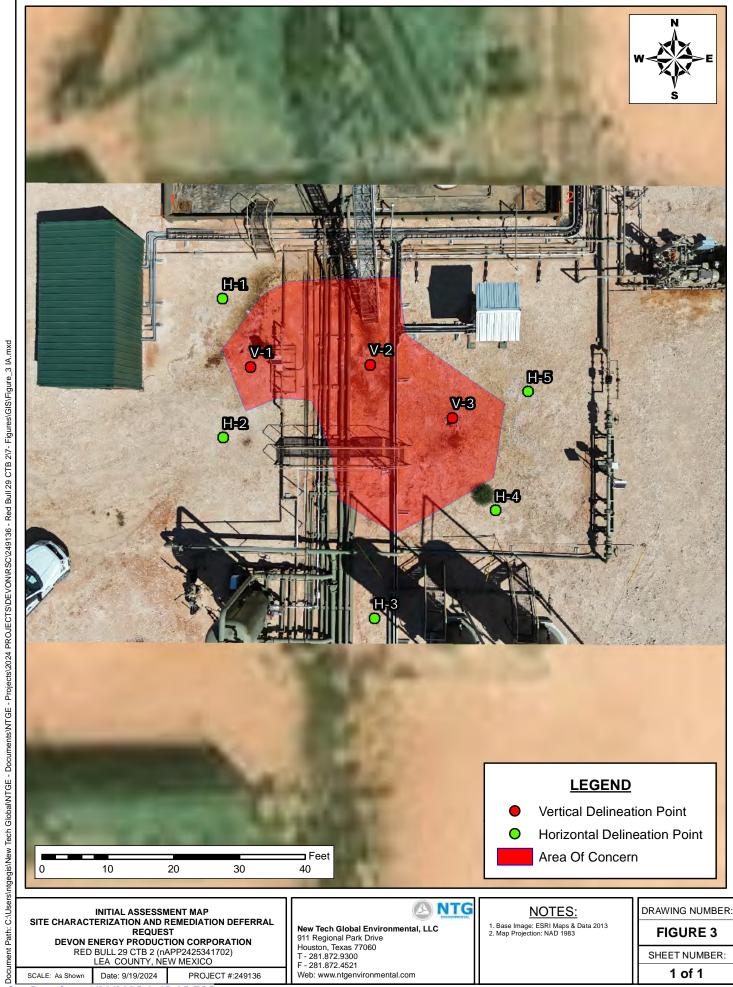


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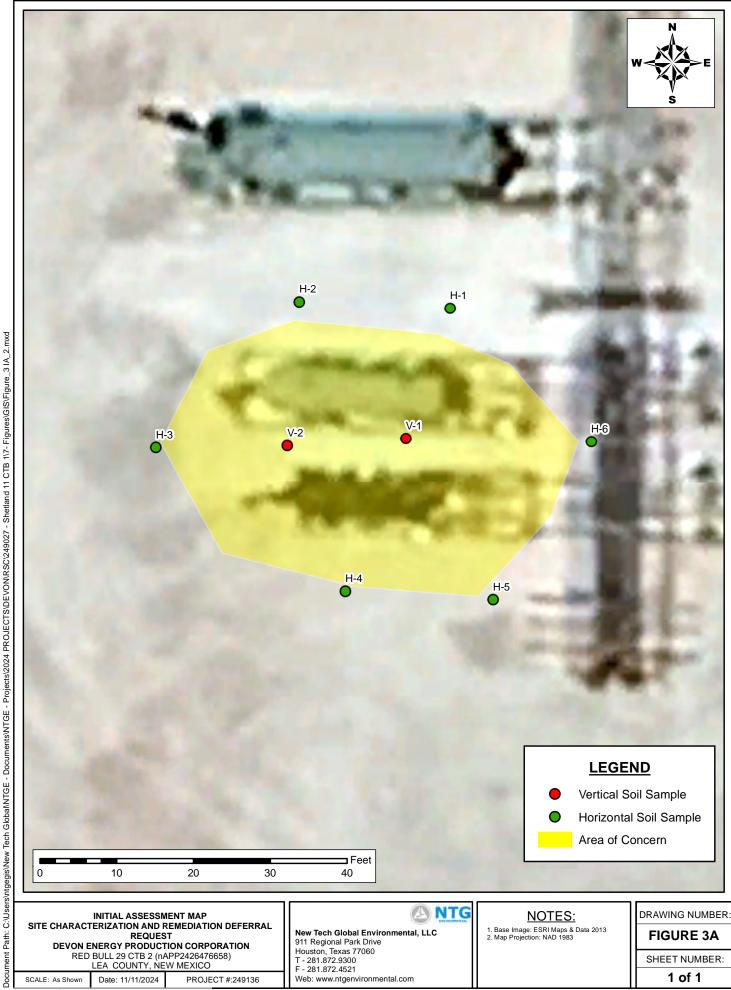


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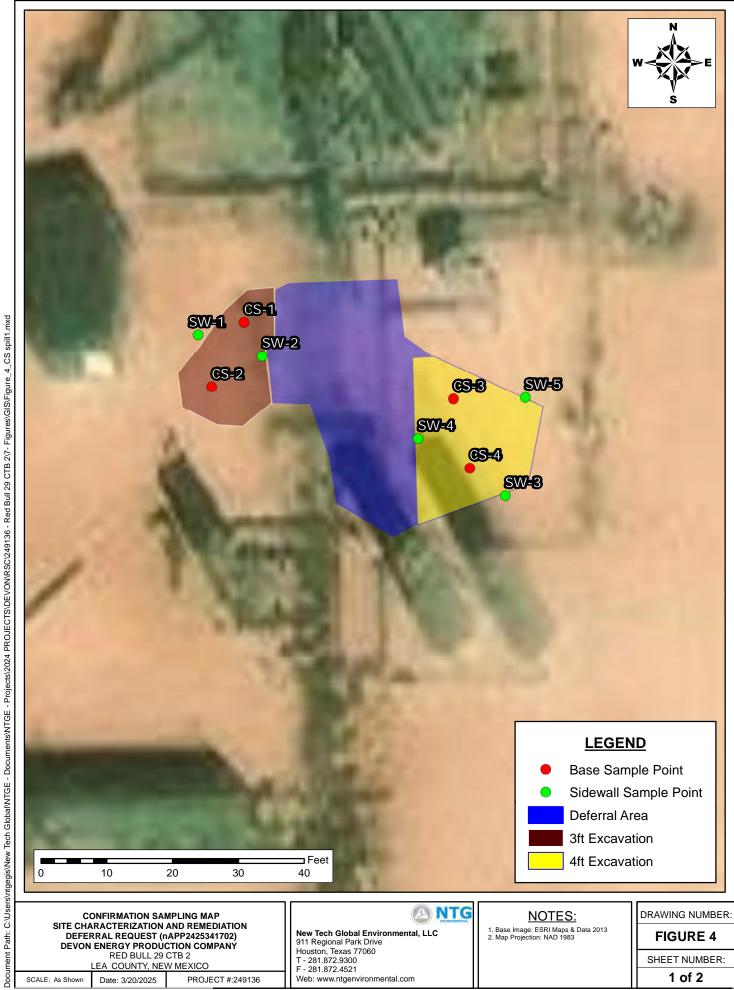




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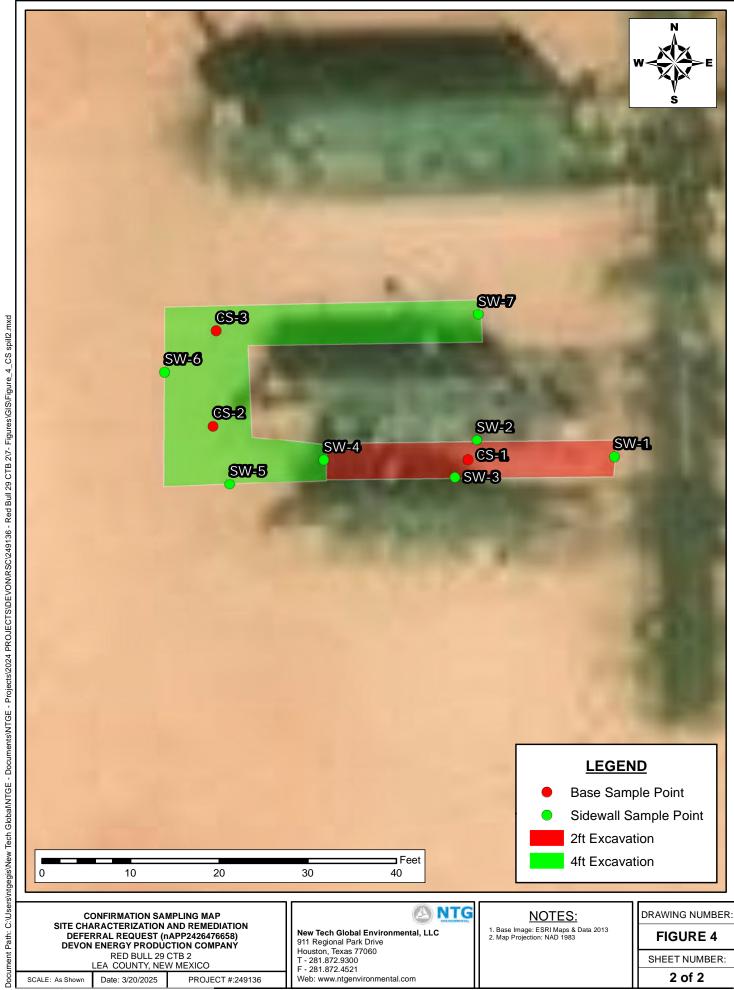


Page 16 of 176

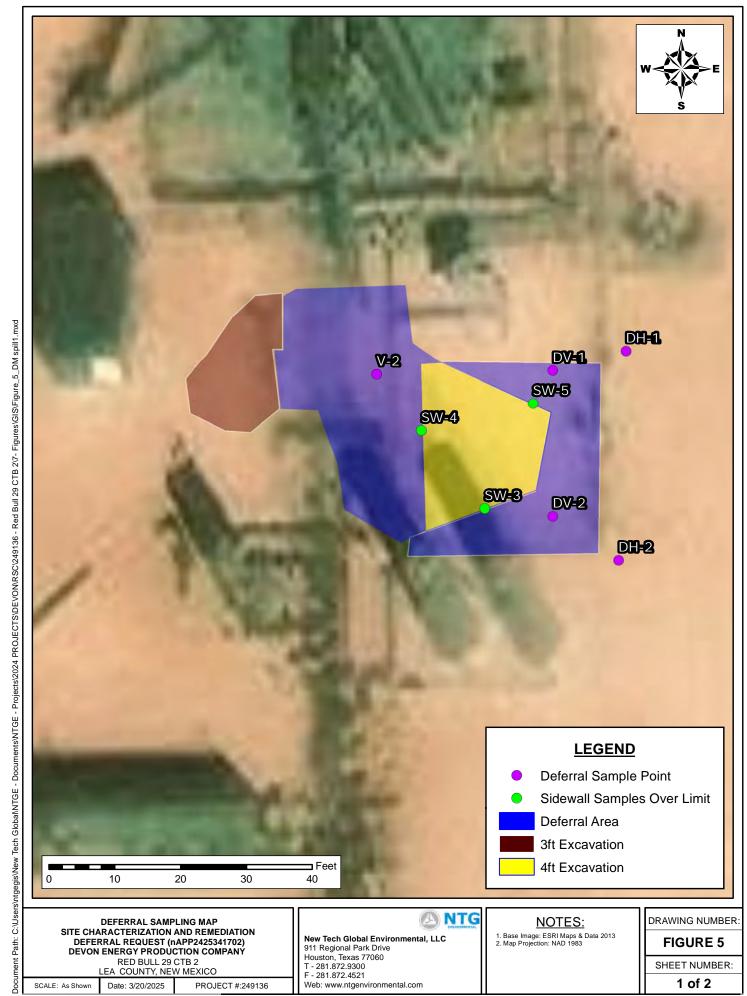


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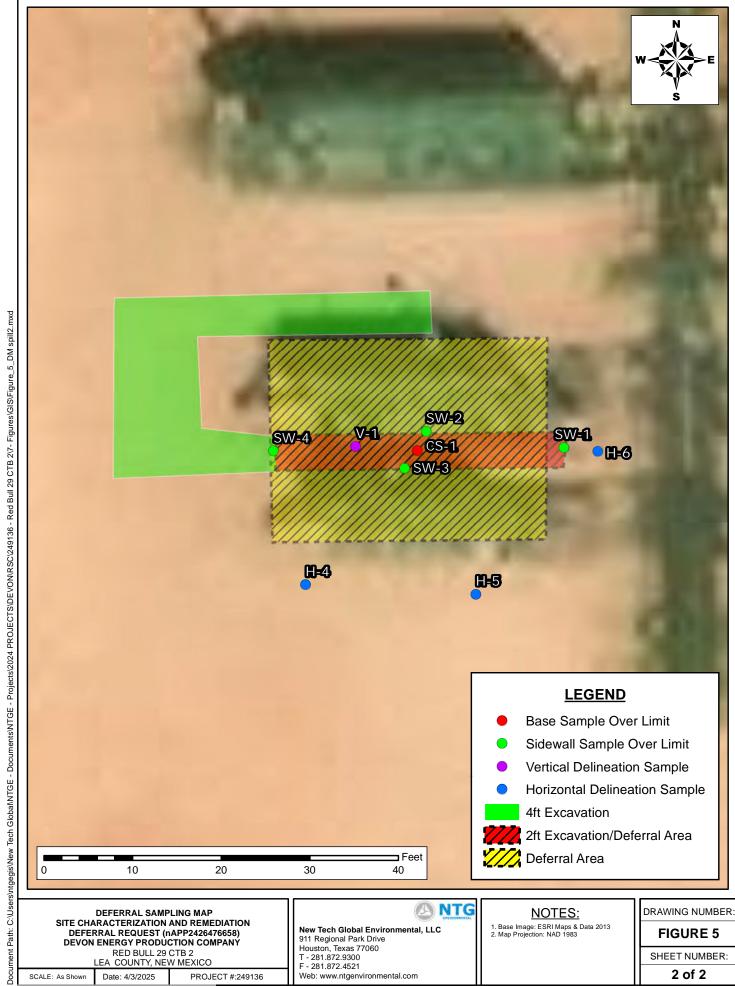




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# SITE CHARACTERIZATION DOCUMENTATION

# **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 (19.1	5.29.12.B(4) aı	nd Table 1 NM	AC)			
Donth to Groundwator (#)		Clos	ure Criteria (m	g/kg)		
Depth to Groundwater (ft)		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100		50	10
51 - 100		10,000	2,500	1,000	50	10
>100	х	20,000	2,500	1,000	50	10
Surface Water	Yes/No			in yes, then		
<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 waster well used						
by less that 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?						
Within an area overlying a subsurface mine?	No					
Within and unstable area?						
Within a 100 yr floodplain?	No					

\* - numerical limit or background, whichever is greater

# **OCD Well Locations**



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

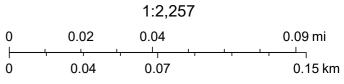
Wells - Large Scale Incident Release

- ٠ Oil, Active
- Produced Water Release
- PLSS Second Division PLSS First Division

٠ Oil, New

Karst Occurrence Potential

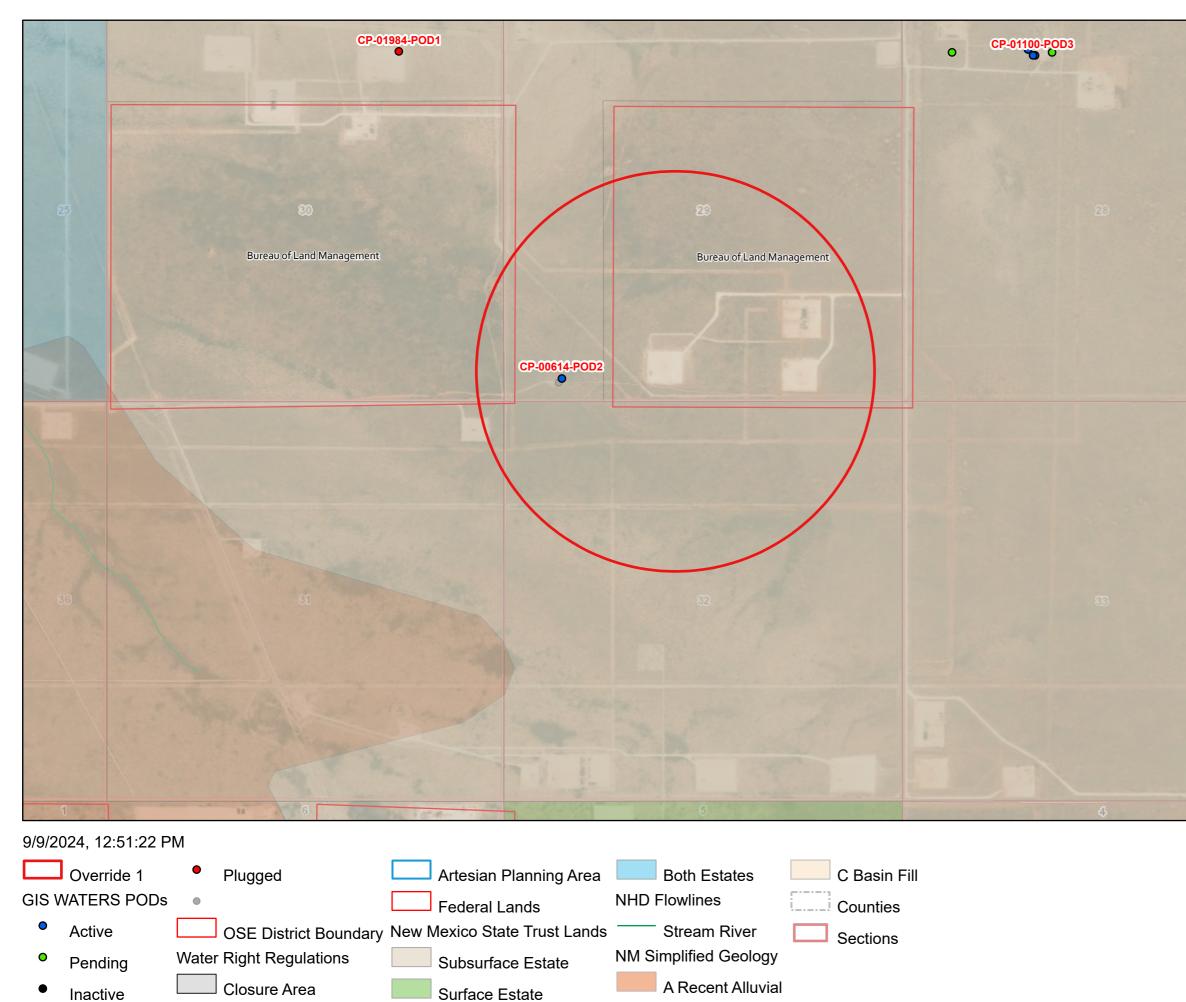
Low

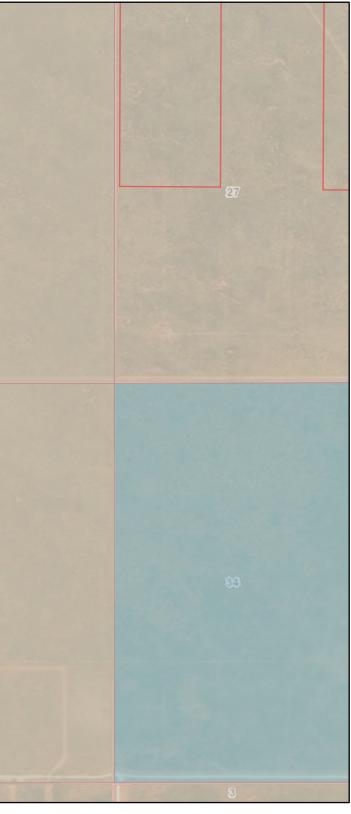


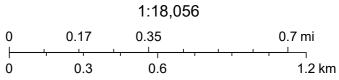
BLM, OCD, New Mexico Tech, Maxar, Microsoft, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Esri, HERE, Garmin, iPC, NM OSE, BLM

New Mexico Oil Conservation Division

# **OSE POD Location Map**







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

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OSE POD NO	· · ·		WELL TAG ID NO.	<u></u>	OSE FILE NO(	<u></u>	1	<u></u>
CP-614-PC	DD2						ಿಯ ಕ್ರ ಇವೆ ಇ ಚಾ ಕ	
WELL OWNE Limestone		perties Ranch, LLC	<u>,</u>		PHONE (OPTI 210-835-80		لارچه <u>ا</u>	
WELL OWN 3300 N. A		ADDRESS lg 1, Ste 220	·····		CITY Midland	· · · · · ·	state TX 79705	ZP
WELL		DE		ONDS 09.0		<u></u>		
LOCATIO (FROM GP		ITUDE	· · ·	14.4 W		' REQUÍRED: ONE TEN QUIRED: WGS 84	TH OF A SECOND	
	LON	GITUDE 3 WELL LOCATION TO	STREET ADDRESS AND COMMON LANE				ERE AVAILABLE	
LICENSE NO	<u>.</u>	NAME OF LICENSED	DRILLER	<u></u>	<u>a na kana sa ka</u> na kata ka	NAME OF WELL DE	LLING COMPANY	<u></u>
WD1	706		Bryce Wallace			Elite	Drillers Corporation	
DRILLING S 11/20	1	DRHLING ENDED 11/23/18	DEPTH OF COMPLETED WELL (FT) 440		le depth (ft) 445	DEPTH WATER FIR	ST ENCOUNTERED (FT 320	
COMPLETEI	) WELL IS:	ARTESIAN	DRY HOLE SHALLOW (UN	CONFINED)		STATIC WATER LE	VEL IN COMPLETED WE 303	ILL (F <b>1</b>
DRILLING FI	 JUD:	AIR	MID ADDITIVES - SI	ECFY:				
DRILLING M	ETHOD:	7 ROTARY	HAMMER CABLE TOOL	OTHE	R - SPECIFY:			
DEPTH	(feet bgl)	BORE HOLE	CASING MATERIAL AND/OR		ASING	CASING	CASING WALL	SL
FROM	TO	DIAM	GRADE (include each casing string, and	CON	VECTION	INSIDE DIAM.	THICKNESS	SI
		(inches)	note sections of screen)		YPE ling diameter)	(inches)	(inches)	(inc
0	20	20	ASTM53 GRADE B	-		15.5	.25	<u> </u>
+2	300	14.75	ASTM53 GRADE B		/elded	8.125	.25	
300		14.75	SDR 17 PVC		pline	7.6	SDR 17	.0
			· · · · · · · · · · · · · · · · · · ·					
· · ·								
DEPTH (	feet bgl)	BORE HOLE	LIST ANNULAR SEAL M			AMOUNT	METHO	
FROM	TO	DIAM. (inches)	GRAVEL PACK SIZE-RANG		KVAL	(cubic feet)	PLACEN	
0	20	20	Portland I/II Ce	_		23	Trimr	
0 288	288	14.75 14.75	Portland I/II Ce 8/16 Silica Sa			245	Trimr Pou	
				••••••••••••••••••••••••••••••••••••••				
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 POD NO.
 TRN NO.
 0.57220

 LOCATION
 WELL TAG ID NO.
 PAGE 1 OF 2

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								2013	Š
	DEPTH () FROM	feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL INCLUDE WATER-BEARING CAVITIES (attach supplemental sheets to fully	OR FRACTURE ZONE	S BI	WATER EARING? /ES / NO)	YIEL W/ BE/	MATED JD FOR ATER: ARING ES (gpm)
Ē	0	10	10	Caliche	·		Y √N		
	10	80	70	Tan & Brown Sandsto	me		Y √N		
	80	100	20	Tan Clay			Y √N	1:5	
	100	130	30	Tan Sandstone	· · · · · · · · · · · · · · · · · · ·		Y √N		
	130	220	90	Tan & Brown Sandsto	onc		Y √N		
-	220	230	10	Tan Clay			Y √N		
	230	250	20	Ređ & Tan Sandstor			Y √N		
;	250	360	110	Tan, Brown & Gray Sand	lstone				0.00
<u>,</u>  -	360	390	30	Tan & Red Sandstor					0.00
	390	420	30	Tan, Brown & Gray Sand	· · · · · · · · · · · · · · · · · · ·				5.00
	420	445	25	Red Clay			Y N	<sup>'</sup>	5.00
		443		Keu Ciay	·····		Y N		
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	METHOD U		TIMATE YIELD	OF WATER-BEARING STRATA: BAILER OTHER – SPECIFY:		TOTAL ES WELL YII	STIMATED ELD (gpm):	3:	5.00
<u>. </u>					<u></u>				
		STAR	Γ TIME, END TIN ORMATION:	ACH A COPY OF DATA COLLECTED DURING Æ, AND A TABLE SHOWING DISCHARGE A VISOR(S) THAT PROVIDED ONSITE SUPERV	ND DRAWDOWN OVF	ER THE TES	TING PERI	OD.	
	CORRECT R	ECORD OF	THE ABOVE DI	ES THAT, TO THE BEST OF HIS OR HER KN ESCRIBED HOLE AND THAT HE OR SHE WI DAYS AFTER COMPLETION OF WELL DRI Bryce Wallace	L FILE THIS WELL R	ECORD WI	REGOING I TH THE ST/ 11/27/18 DATE	S A TRUI	E AND INEER
		5.UNA II					DATE		
	OSE INTERN	AL USE	· • · · · · · · · · · · · · · · · · · ·		WR-20 WEI	.L. RECORD	& LOG (Ve	ersion 06/.	30/2017)
	NO			POD NO.	TRN NO.				
ЭC.	ATION				WELL TAG ID NO.			PAGE	E 2 OF 2

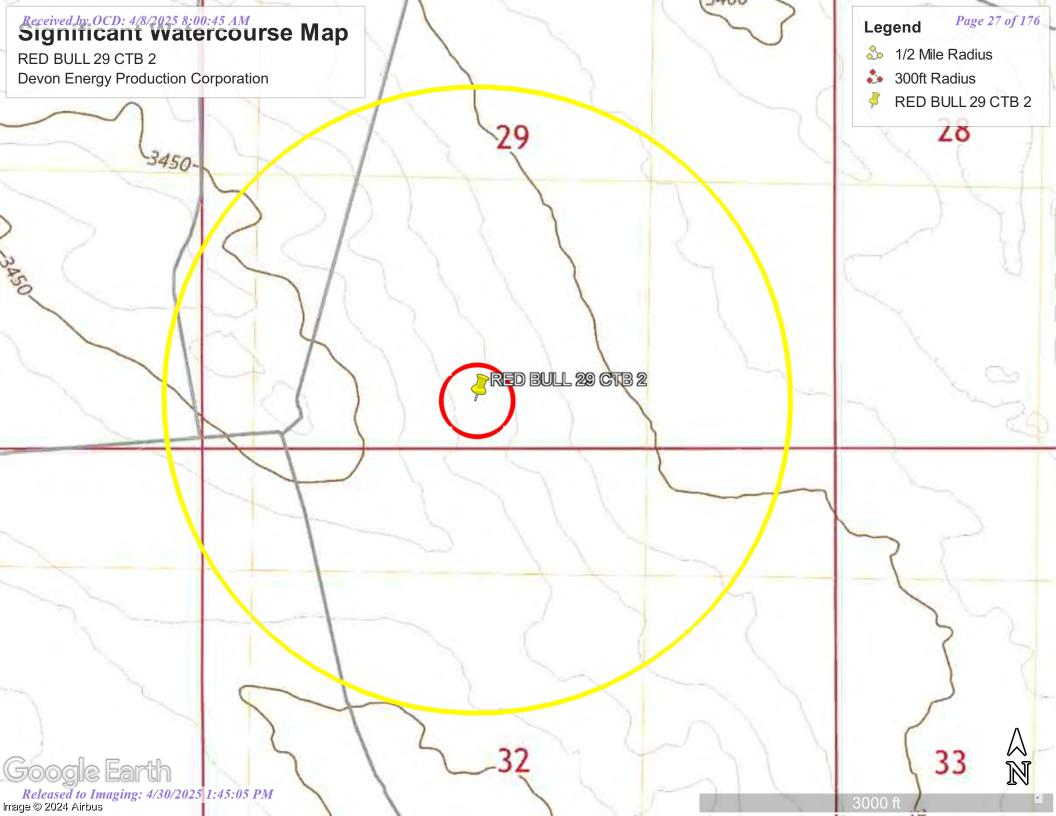
Received by OCD: 4/8/2025 8:00:45 AM

CP-614-POD2





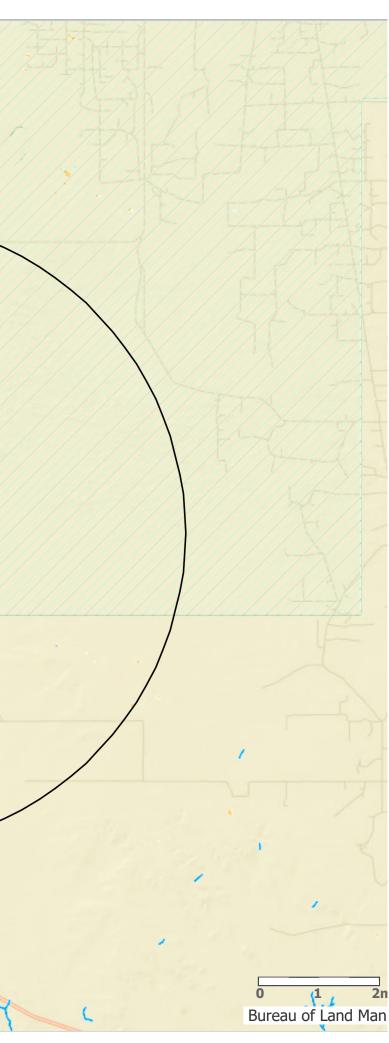




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NM Wetla	nds Mapping an	d Classification			
NM Wetland	ds Mapping and	Classification			
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	rm (LLWW)				
NWI Li					
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Pa	lustrine Forested	d (PFO)			67X757777777777777777777777777777777777
Pa	lustrine Rock Bo	ttom (PRB)			//X///////////////////////////////////
Pa	lustrine Scrub S	hrub (PSS)			<u> </u>
Pa	lustrine Unconso	olidated (PUB, PU	JS)		//X/////X/X28/X/////X/X/X//////////////
Riv	verine (R2, R3, F	R4)			//Xx/////XXX4444444444444444
	olygons				<u> </u>
La	custrine (L1, L2)	)			
Pa	lustrine Aquatic	Bed (PAB)			
Pa	lustrine Emerge	nt (PEM)			
Pa	lustrine Forested	d (PFO)			
Pa	lustrine Rock Bo	ttom (PRB)			-
Pa	lustrine Scrub Sl	hrub (PSS)			
Pa	lustrine Unconso	blidated (PUB, PU	JS)		W-NM Highway 128
Riv	verine (R2, R3, F	R4)			
		labitat (AIH) Line			
		labitat (AIH) Poly			
		abilization (BSS) abilization (BSS)			
	Sequestration				
		(CAR) Polygons			
	abitat (FH) Linea				
	abitat (FH) Poly				
	lwater Recharge				
	iwater Recharge It Transformatio	e (GR) Polygons			Lon: -103.20796°, Lat: 32.31877°
Nutrier	nt Transformatio	n (NT) Polvaons		•	
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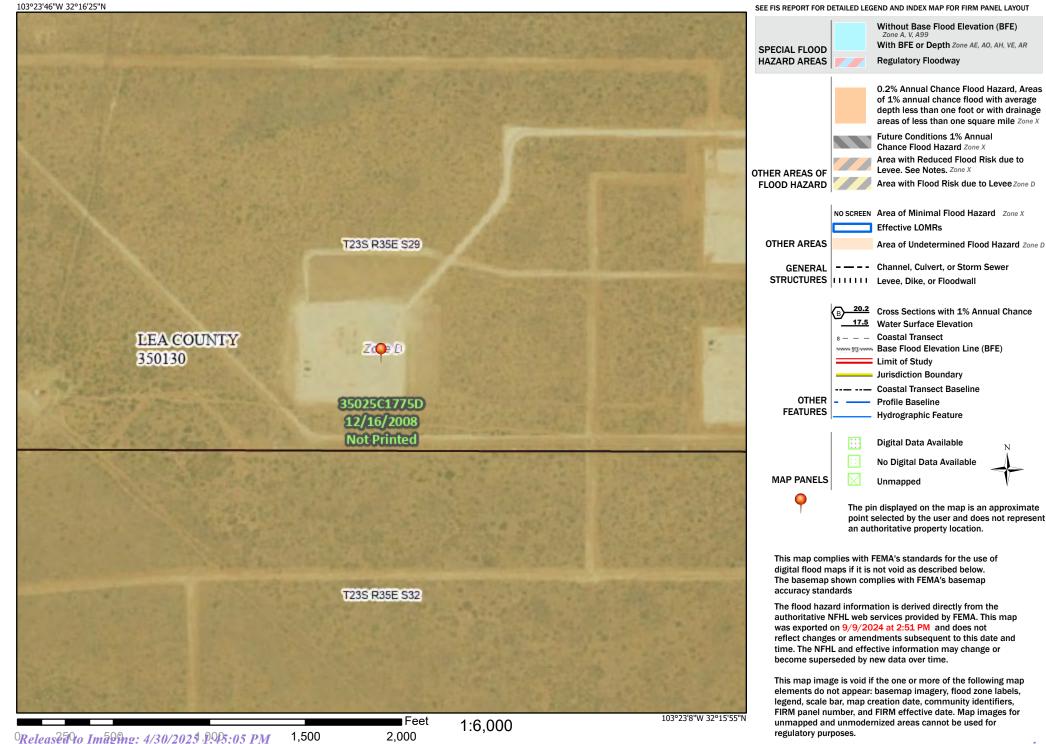


# Received by OCD: 448/2025 8:00:45 AM National Flood Hazard Layer FIRMette



# Legend

# Page 29 of 176



Basemap Imagery Source: USGS National Map 2023

National Wetlands Inventory

# Page 30 of 176

# Red Bull 29 CTB 2



# September 12, 2024

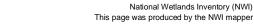
#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

Released to Imaging: 4/30/2025 1:45:05 PM

- 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.



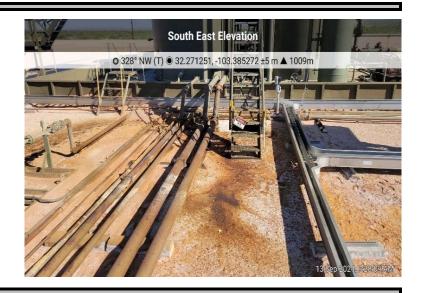
PHOTOGRAPHIC LOG

# Photograph No. 1

Facility: Red Bull 29 CTB 2

Lea County, New Mexico County:

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



# Photograph No. 2

Facility: Red Bull 29 CTB 2

Lea County, New Mexico County:

# **Description:**

Area of Concern (nAPP2425341702)

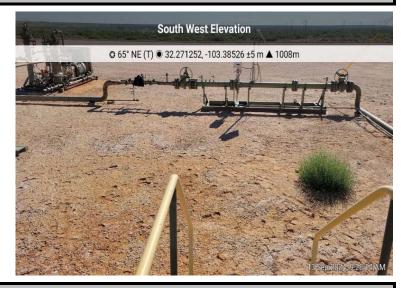


### Photograph No. 3

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

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



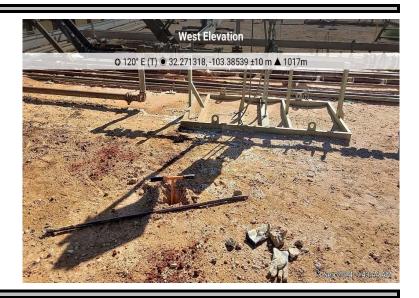


# Photograph No. 4

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

Lea County, New Mexico County:

#### **Description:**

Area of Concern (nAPP2425341702)

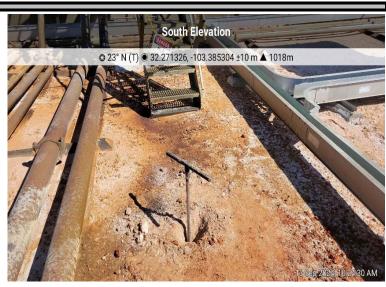


### Photograph No. 6

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

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



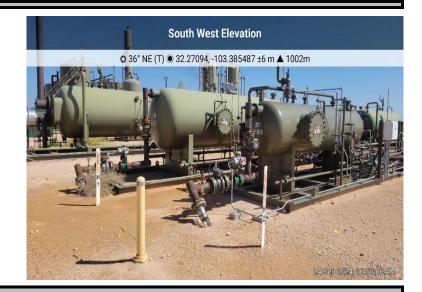


# Photograph No. 7

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

Lea County, New Mexico County:

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



### Photograph No. 9

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

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





# Photograph No. 10

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

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



# Photograph No. 11

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

#### **Description:**

View of Excacavation (nAPP2425341702)



NE

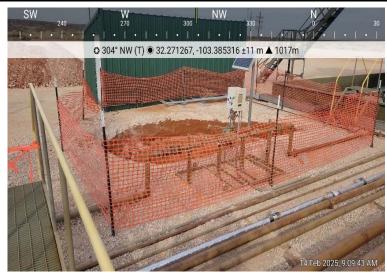
### Photograph No. 12

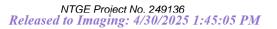
Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

#### **Description:**

View of Excacavation (nAPP2425341702)







# 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 Excacavation (nAPP2426476658)



#### Photograph No. 15

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

#### **Description:**

View of Excacavation (nAPP2426476658)





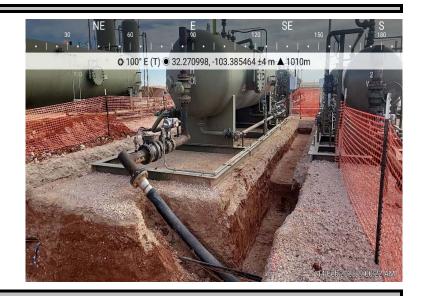
# **PHOTOGRAPHIC LOG Devon Energy Production Company** Red Bull 29 CTB 2

# Photograph No. 16

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

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



## Photograph No. 17

Facility: Red Bull 29 CTB 2

Lea County, New Mexico County:

## **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
То:	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: esessums@ntglobal.com

> Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, March 11, 2025 1:48:53 PM
To: Ethan Sessums <ESessums@ntglobal.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Raley, Jim <Jim.Raley@dvn.com>; Kenny Han <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 <u>Shelly.Wells@emnrd.nm.gov</u> 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
Туре:	Produced Water Release

## **Ethan Sessums**

Jr. Field Ops Manager | **NTG Environmental** M:432-701-2159 P:254-266-5456 <u>lesessums@ntglobal.com</u> 209 West McKay St. Carlsbad NM, 88220



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disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

# LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C		
Received:	09/13/2024		Sampling Date:	0	9/13/2024
Reported:	09/18/2024		Sampling Type:	S	oil
Project Name:	RED BULL 29 CTB 2		Sampling Condition:	C	ool & Intact
Project Number:	249136		Sample Received By:	A	lyssa Parras

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17600	16.0	09/16/2024	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	319	10.0	09/16/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	82.0	10.0	09/16/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	09/16/2024	ND	400	100	400	3.92	QM-07
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9								

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	31.0	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	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	26.8	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	20.1	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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## Analytical Results For:

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

Received:	09/13/2024	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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9400	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6100	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	09/16/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5730	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:	
Received:	09/13/2024	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

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

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5460	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5100	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C		
Received:	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 8	k Intact
Project Number:	249136		Sample Received By:	Alyssa	Parras

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



249136

DEVON LEA COUNTY, NM

Alyssa Parras

Sample Received By:

## 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

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

Project Number:

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C		
Received:	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	;

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



249136

DEVON LEA COUNTY, NM

Alyssa Parras

Sample Received By:

## Analytical Results For:

		NTG ENVIRONMENTAL		
		ETHAN SESSUMS		
		701 TRADEWINDS BLVD. SU	JITE 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

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

Project Number:

Project Location:

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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
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	48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	6 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



249136

DEVON LEA COUNTY, NM

Alyssa Parras

Sample Received By:

#### 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

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

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

- Hayton Tumas	1 Clother Turner of Longitature	Relinquished by: /	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the contro 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.	Additiona	V-2	V-2	V-2	V-2	V-2	V-1	V-1	V-1	- V-1	V-1	Identification	i otal Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4	tate ZIP:		indine.			
6	Cigilature)	Signature	ument and relinqu ble only for the cos e of \$85.00 will be	Additional Comments:	4-4.5	3-3.5	2-2.5	1-1.5	0-6"	4-4.5	3-3.5	2-2.5	1-1.5	0-6"	Depth (ft bgs)		Yes	Yes	(D)			Clay	Lea Cou		Red E	432-701-2159	Carlsbad NM, 88220	ZUB VV. MICKAY Street	NIG Environmental	Lunan Sessums	ENVIRONMENTA	
Q			ishment of sample it of samples and a applied to each pr	Ű	9/13/2024	9/13/2024	9/13/2024	9/13/2024	9/13/2024	9/13/2024	9/13/2024	9/13/2024	9/13/2024	9/13/2024	Date	30	NIA		No	Blank:	21406179	Clayton Tumas	Lea County, New Mexico	249136	Red Bull 29 CTB 2		38220	Street	ental		F	
Mas	Venervel	Doophing	es constitut shall not as oject and a		9:27	9:24	9:21	9:18	9:15	9:12	9:09	9:06	9:03	9:00	Time	Corrected	Temperat	Correction Factor:	Thermometer ID:	Yes No			ico									
0	Neceived by: (Signature)	Les Inimate	es a valid purchas sume any respons charge of \$5 for e		×	×	x	×	x	×	×	×	X	×	Soil	Corrected Temperature:	Temperature Reading: "	n Factor:	eter ID:	Wet Ice:	lab, if rece	TAT starts the day received by the	Due Date:	<ul> <li>Routine</li> </ul>	Tun	Email:						
	(a)		e order from ibility for an ach sample												Water	w	2 01	d a	- US	Ves	lab, if received by 4:30pm	day receive		Rush	Turn Around	esessums@ntglobal.com	City, State ZIP	Address:	Company Name	Bill to: (if different)		
			n client con ny losses of submitted		Grab	Grab/ Comp	うって	c'o	R 0	ľ	No	Opm	ed by the		2		ns@ntg	te ZIP:		y Name:	different)											
9.13.24	-		npany to X r expenses to Xenco, I		-	-	-	1	-	1	1	-	1	1	# of Cont			6 P	arai	mete	rs			Pres. Code		lobal.com						
	Date/ I ime		incurred ut not an		×	×	×	×	×	×	×	×	×	×			T	рн	801	5M						н	Г		Devon	Dale Woodall		
1831	ne		affiliates a by the cli alyzed. Ti		××	××	××	×	×	××	×	××	××	×	-	Ch				00 C	L-B		-						Energy	loodall		
6 4 N	T	,	nd subco ent if such		~	-	-	-	-	-	-		-	×	-	-			802		_	-	-	-					Product			
	Relinquished by: (Signature)		ntractors. I losses ar																										Devon Energy Production Company			
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	(Signat		s standaro circumsta			+	+	+	+	+	+	+	+	+				-	-			_	-	_	SIS RE							
	ture)	au france	assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.														-	-							ANALYSIS REQUEST	Delive	Repo	State	Prog			
	7	gommen.	nd conditi nd the co gotiated.			_	_						_													Deliverables: EDD	rting:Lev	State of Project:	ram: US			
	Received by: (Signature)		ons		+	+	+	+	+	+	+	+	+	+	-		_					-	-	-		EDD [	Reporting:Level II Level III	ect	Program: UST/PST PRP			
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	ignatur																	нс	DLD							ADaPT	PST/UST		Brow	Order u		
	e)							T							S	NaOH+	Zn Acet	Na2520	NaHSO	H_PO4 HP	H2S04: H2	HCL: HC	Cool: Cool	None: NO	P				Brownfields RRC	Work Order Comments	Ра	
	-														imple (	Ascorbic	Zn Acetate+NaOH: Zn	Na2S20, NaSO3	NaHSO4 NABIS	ŦP	H2	0	00	ō	eserva	Other:	TRRP		RRC	ents	Page	
	Date/Time														Sample Comments	NaOH+Ascorbic Acid: SAPC	DH: Zn	W.	(J)		NaOH: Na	HNO, HN	MeOH: Me	DIWa	Preservative Codes				_		1of	
	ne														nts	APC					Na	HN	Mo	DI Water H-O	des		Level IV		uperfund		ω	

Received by OCD: 4/8/2025 8:00:45 AM

Page 33 of 35

## Page 75 of 176

	Ethan Sessums				Bill to' lif differen			Whode	2						Wo	k Ort	ler N	Work Order No: 11245	2_ of
Project Manager:	Ethan Sessums	s			Bill to: (if different)	nt)	Dale	Dale Woodall	all							Work	Order	Work Order Comments	
Company Name:	NTG Environmental	ental			Company Name	ne:	Devo	on Ener	rav Prod	Devon Energy Production Company	mnany		Prog	am: []5	Program: UST/PST PRP	DRD	Ro	Brownfields BBC	ñ
Address:	209 W. McKay Street	Street			Address:								State	State of Project:	ect:	5	5		
City, State ZIP:	Midland TX, 79701	701			City, State ZIP								Repo	ting:Le	Reporting:Level II Level III	Level		ST/UST TRRP	RP Level IV
Phone:	432-701-2159			Email:		ntglobal.c	ă M						Delive	Deliverables: EDD	EDD				
Project Name:	Red B	Red Bull 29 CTB 2		Tun	Turn Around	_	_				ANA	SISA	NALYSIS REQUEST					Dracar	nativo
Project Number:		249136		✓ Routine	Rush	Pres.	5 7			-			_		_	-	-	None: NO DI Water I	DI
Project Location	Lea Cou	Lea County, New Mexico	ico	Due Date:			-	1		+	+		-		+	+	+	Cool: Cool	MeOH: Me
Sampler's Name:	Clay	Clayton Tumas		TAT starts the	TAT starts the day received by the	the	_			-			_			_	_	HCL. HC	HNO3: HN
PO #	2	21406179		lab, if rece	lab, if received by 4:30pm	_		-в					-					H2SO4: H2	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet loe:	Kes No	neter	M	0 CL	в							-		H.PO. HP	
Received Intact:		No		eter ID:	#140	aram	8015	M450	802	_							LD		ABIS
Cooler Custody Seals:	Yes	T	Correction Factor:	Factor:	-0.0.0	P	трн	de S	BTE)						_		н	Na2S2O3 NaSO3	SO
Total Containers:		30	Corrected	Corrected Temperature:	200		_	Chlo		_	-						-	Zn Acetate+NaOH: Zn	NaOH: Z
Sample	Depth (ft bgs)	Date	Time	Soil	Water Grab/	tb/ # of	* *			-						-		Sample Comments	Sample Comments
V-2	5-5.5	9/13/2024	9:30	×	Grab	-	×	×	×	+	+		-		-	-			
V-2	6-6.5	9/13/2024	9:33	×	Grab	ab 1	×	×	×	+	1		-		+	+	1		
V-2	7-7.5	9/13/2024	9:36	×	Grab	ab 1	×	×	×	-	+				+	+	+		
V-2	8-8.5	9/13/2024	9:39	×	Grab	ab 1	×	×	×	+	1				+	+	+		
V-2	9-9.5	9/13/2024	9:42	×	Grab	ab 1	×	×	×						-	+	+		
V-3	0-6"	9/13/2024	9:45	X	Grab	ab 1	×	×	×	-					-	+	+		
V-3	1-1.5	9/13/2024	9:48	x	Grab	ab 1	×	×	×	-					-	+	+		
V-3	2-2.5	9/13/2024	9:51	×	Grab	ab 1	×	×	×					_	-	+	+		
V-3	3-3.5	9/13/2024	9:54	×	Grab	ab 1	×	×	×	-	1				-	+			
V-3	4-4.5	9/13/2024	9:57	×	Grab	ab 1	×	×	×	+					_	+			
Additic	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.	document and relinqu liable only for the co- arge of \$85.00 will be	aishment of samp ast of samples and applied to each p	les constitut shall not as roject and a	es a valid purchas sume any respons charge of \$5 for e	se order from clien sibility for any loss ach sample submi	it company t ses or expen	o Xenco, i ses incum o, but not	its affiliat red by the t analyze	les and su e client if d. These t	bcontract such loss	ors. It as: is are due be enforce	igns star to circun d unless	dard terms a Instances beyo previously ne	nd condit nd the co	ions				
Relinquished by: (Signature)	: (Signature)		Receive	Received by: (Signature)	ire)		Date/Time	Time		Relinquish	uished	by: (Sig	ed by: (Signature)	-	Received by: (Signature)	d by: (S	lignat	ure)	Date/Time
1. Clayton Tumas	S	no	NN	8		9	NCK	ū	2								•		
2.	Z						100	i	4										



Page 34 of 35

Page 76 of 176

Dipole Manager         Entral Sessures         Balt is a sevent         Data (woods)           Sompany Name         NTG Environmental         Moreary Name         Devin Campany         Pagent Name         Pagent Na
Broject Minager         Ethni Sessums         Ball to: <i>at siment</i> Daie Viocali           Company Name         VIG Environmental         Company Name         Daie Viocali         The max Name         Company Name         Company Name         Daie Viocali         Daie Vi
Ethan Sessums         Bill to rr almener         Dale Woodall           NTG Environmental         Company Name         Devron Energy Production Company Name           209 W. McKay Street         Address:         Address:         Devron Energy Production Company Name           422-701-2159         Email         esesums@nitglobal.com         Example         Even Energy Production Company Name           422-701-2159         Email         esesums@nitglobal.com         Even Energy Production Company Name         Even Energy Production Company Name           429136         Inorine         Radh         esesums@nitglobal.com         Even Energy Production Company Name           249136         Inorine         Rush         esesums@nitglobal.com         Even Energy Production Company Name           249136         Inorine         Notine         Rush         Even Energy Production Company Name           249136         Inorine         Inorine         Rush         Even Energy Production Company Name           1000         X         Inorine         Inorine         Parameter         Parameter           255         9/13/2024         10:00         X         Grab         1         X         X           55         9/13/2024         10:15         X         Grab         1         X <td< th=""></td<>
Ethan Sessums       Bill to: (r different)       Cale Woodal         NTG Environmental       Company Name       Dale Woodal         209 W. McKay Street       Company Name       Devon Energy Production Company Name         432-701-2159       Email       Seasums@ntg/bal.com       Evenation Company Name         Red Bull 29 CTB 2       Turn Around       esessums@ntg/bal.com       Free         Lea County, New Mexico       Due Date:       TA starts the day received by the Ciloy Nix       Correction Factor:         Clayton Turnas       Temp Blank:       Yes No       Wet loe:       Yes No       Free         Seals:       Yes No       Themmometer ID:       The starts the day received by the Soon       Soot       Soot         Seals:       Yes No       NiA       Correction Factor:       Soot       Soot       Soot         Seals:       Yes No       NiA       Temperature:       Soot       Soot       Soot       Soot         Seals:       Yes No       NiA       Temperature:       Soot       Soot <td< td=""></td<>
Ethan Sessums       Bill to. (r different)       Dale Woodal         NTG Environmental       Company Name       Devon Energy Production Company Name         209 W. McKay Street       Sessums       Ethan Sessums       Even Energy Production Company Name         Midland TX, 79701       Email:       esessums@interlobal.com       Even Energy Production Company Name         432-701-2159       Email:       esessums@interlobal.com       Even Energy Production Company Name         Red Bull 29 CTB 2       Turn Around       Prest.       Prest.       Vest.         249136       Vest No       Nourine       Rush       Prest.       Vest.         Clayton Turnas       TAT starts the day received by the 21406/179       TAT starts the day received by 430m Free eading:       Set No       Thermometer ID         Vest No       Thermometer ID       -0.0.0.0       Set No       Thermometer ID       Parameter Eading:       Set No         Seals:       Vest No       No       Temperature Reading:       Set No       Set No       Set No       Set No       Set No         No       No       Time       Soil       Water       Grab       # of No       Set No       S
Ethan Sessums       Bill to: (rt different)       Dale Woodal         NTG Environmental       Company Name:       Company Name:       Devon Energy Production Company Name:         209 W. McKay Street       Street       Address:       City, State ZIP.       Enail:       Seessums@ntiglobal.com         432-701-2159       Red Bull 29 CTB 2       Turn Around       Red Sull 29 CTB 2       Seessums@ntiglobal.com       No         Red Bull 29 CTB 2       Turn Around       Rush       Code       Pres.       Seessums@ntiglobal.com       No         Lea County, New Mexico       Due Date:       No       Tot starts the day received by the 21406179       Tot starts the day received by 4.30pm are 21406179       No       Tot starts the day received by 4.30pm are 21406179       No       Tot starts the day received by 4.30pm are 300       No         Seetistic       Yes No       Thermoenter ID:       -U       -U       -U       No       No         Seetistic       Yes No       Temperature       Sector       Se
Ethan Sessums       Bill to: (r different)       Dale Woodall         NTG Environmental       Company Name:       Devon Energy Production Company Name:         209 W. McKay Street       Server Street       City, State ZIP:       Devon Energy Production Company Name:         Midland TX, 79701       Frail:       City, State ZIP:       City, State ZIP:       Devon Energy Production Company Name:         432:-701-2159       Red Bull 29 CTB 2       Turn Around       Pres.       City, State ZIP:       Pres.         249136       Z49136       Value New Mexico       Due Date:       Code       Pres.       Code       Pres.       Code       Pres.       City, State ZIP:       Topp Blank:       Yes No       Thermometer ID:       Topp Blank:       Yes No       Wet Ice:       Code       City, State ZiP:       Pres.       C
Ethan Sessums       Date       Model       Date       Model         NTG Environmental       Company Name:       Company Name:       Devon Energy Production Company Name:         209 W. McKay Street       Midland TX, 79701       City, State ZIP:       Devon Energy Production Company Name:         432-701-2159       Freed Bull 29 CTB 2       Turn Around       City, State ZIP:       Version Company Name:         Red Bull 29 CTB 2       Turn Around       Pres:       Version Company Name:       Pres:       Version Company Name:         249136       Clayton Turnas       TAT stats the day received by the lab. if received by the lab. if received by 4:30m or case:       Version Or Correction Factor:       Version Or Correction Factor:       Version Or Correction Factor:       Version Or Corrected Temperature:       Seals:       Yes No       NiA       Temperature Reading:       Seals:       Yes No       Seals:       Yes No       NiA       Temperature:       Seals:       Yes No       Seals:       Yes No       NiA       Temperature:       Seals:       Yes No       Y
Ethan Sessums         Bill to: (if different)         Dale Woodall           NTG Environmental         Company Name:         Company Name:         Devon Energy Production Company Name:           209 W. McKay Street         Address:         Address:         Devon Energy Production Company Name:           432-701-2159         Email:         esessums@nitglobal.com         Turn Around         Address:           Red Bull 29 CTB 2         Turn Around         Caty 1         Esessums@nitglobal.com         Ferall:           249136         Image: 249136
Ethan Sessums       Bill to: (if attreent)       Dale Woodall         NTG Environmental       Company Name:       Company Name:       Devon Energy Production Company Name:         209 W. McKay Street       Address:       Address:       Devon Energy Production Company Name:         432-701-2159       Email:       esessums@ntglobal.com       Email:       esessums@ntglobal.com         432-701-2159       Turn Around       Pres.       249136       Pres.       Address:         249136       Value Date:       Value Date:       Value Date:       Pres.       Address:         249136       Due Date:       Value Date:       Value Date:       Pres.       Address:         21406179       Tat starts the day received by the lab. if received by the lab. if received by 4:30pm       Address:       Address:         21406179       Themometer ID:       Fres.       Address:       Address:         200       N/A       Correction Factor:       -0.00000000000000000000000000000000000
Ethan Sessums     Bill to: (# different)     Dale Woodall       NTG Environmental     Company Name:     Devon Energy Production Company Name:       209 W. McKay Street     Address:     Address:     Devon Energy Production Company Name:       432-701-2159     Email:     esessums@ntqlobal.com     Email:       7     Red Bull 29 CTB 2     Turn Around     Pres.       249136     249136     Routine     Rush       Clayton Turnas     TAT starts the day received by the lab. if received by 4:30m     Pres.       21406179     Tepp Blank:     Yes No     Thermometer ID:       Yes No     Thermometer ID:     -0.0     Parameter SM4500 CL-B       Bats:     Yes No     Temperature Reading:     2 S :
Ethan Sessums         Bill to: (# different)         Dale Woodall           NTG Environmental         Company Name:         Devon Energy Production Company Name:           209 W. McKay Street         Address:         Devon Energy Production Company Name:           432-701-2159         Email:         esessums@ntglobal.com           432-701-2159         Email:         esessums@ntglobal.com           Red Bull 29 CTB 2         Turn Around         Pres.           249136         Image:         Image:         Image:           1490         Image:
Ethan Sessums         Bill to: (if different)         Dale Woodall           NTG Environmental         Company Name:         Devon Energy Production Company Name:           209 W. McKay Street         Address:         Devon Energy Production Company Name:           Midland TX, 79701         City, State ZIP:         Devon Energy Production Company Name:           432-701-2159         Email:         esessums@ntqlobal.com           Red Bull 29 CTB 2         Turn Around         Free:           249136         Routine         Rush         Code           249136         Routine         Rush         Code         Image:           249136         TAT starts the day received by the lab, if received by t30pm or
Ethan Sessums     Bill to: (if different)     Dale Woodall       NTG Environmental     Company Name:     Devon Energy Production Compa       209 W. McKay Street     Address:     Devon Energy Production Compa       Midland TX, 79701     City, State ZIP:     Jeven Energy Production Compa       432-701-2159     Email:     esessums@ntqlobal.com       Red Bull 29 CTB 2     Turn Around     Code       249136     Vourine     Rush       Clayton Turnas     TAT starts the day received by the lab. if received by 4:30pm     Jeven Kevico       Clayton Turnas     TAT starts the day received by 4:30pm     Jeven Kevico       SEIPT     Temp Blank:     Yes No     Wet Ice:
Ethan Sessums     Bill to: (# different)     Dale Woodall       NTG Environmental     Company Name:     Devon Energy Production Company Name:       209 W. McKay Street     Address:     Devon Energy Production Company Name:       Midland TX, 79701     City, State ZIP:     Image: City, State ZIP:       432-701-2159     Email:     esessums@ntqlobal.com       Red Bull 29 CTB 2     Turn Around     Pres.       249136     Clayton Tumas     TAT starts the day received by the lab, if received by 4:30pm (state Z)
Ethan Sessums     Bill to: (# different)     Dale Woodall       NTG Environmental     Company Name:     Devon Energy Production Compa       209 W. McKay Street     Address:     Devon Energy Production Compa       Midland TX, 79701     City, State ZIP:     4ddress:       432-701-2159     Email:     esessums@ntiglobal.com       Red Bull 29 CTB 2     Turn Around     Pres.       249136     Routine     Rush       Clayton Turnas     TAT starts the dav received by the     Image: Company Name
Manager         Ethan Sessums         Bill to: (if different)         Dale Woodall           ny Name:         NTG Environmental         Company Name:         Devon Energy Production Company           s:         209 W. McKay Street         Address:         Devon Energy Production Company           ate ZIP:         Midland TX, 79701         City, State ZIP:         Image: City, State ZIP:           432-701-2159         Email:         esesums@ntglobal.com         Address:           Name:         Red Bull 29 CTB 2         Turn Around         Mes.           Aumber:         249136         Routine         Rush         Code           Location         Lea County. New Mexico         Due Date:         Image: Code
Manager:         Ethan Sessums         Bill to: (if diferent)         Dale Woodall           ny Name:         NTG Environmental         Company Name:         Devon Energy Production Company           s:         209 W. McKay Street         Address:         Devon Energy Production Company           ate ZIP:         Midland TX, 79701         City, State ZIP:         Email: esessums@ntqlobal.com           432-701-2159         Email: esessums@ntqlobal.com         Amme:         Red Bull 29 CTB 2         Turn Around         Pres.         Amme:
Manager:         Ethan Sessums         Bill to: (if different)         Dale Woodall           ny Name:         NTG Environmental         Company Name:         Devon Energy Production Compa           s:         209 W. McKay Street         Address:         Devon Energy Production Compa           ate ZIP:         Midland TX, 79701         City, State ZIP:         Image: City State ZIP:           432-701-2159         Email: esessums@ntglobal.com         Address:
Manager.         Ethan Sessums         Bill to: (if different)           ny Name:         NTG Environmental         Company Name:           s:         209 W. McKay Street         Address:           ate ZIP:         Midland TX, 79701         City, State ZIP:           432-701-2159         Email:         esessums@ntglobal.com
Ethan Sessums     Bill to: (if different)       NTG Environmental     Company Name:       209 W. McKay Street     Address:       Midland TX, 79701     City, State ZIP:
Ethan Sessums     Bill to: (if different)       NTG Environmental     Company Name:       209 W. McKay Street     Address:
Ethan Sessums         Bill to: (if different)           NTG Environmental         Company Name:
Ethan Sessums Bill to: (if different)

<u>Released to Imaging: 4/30/2025 1:45:05 PM</u>

## Page 77 of 176



Page 35 of 35



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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



#### Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 09/24/2024 Sampling Date: 09/24/2024 09/30/2024 Sampling Type: Soil

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9000	16.0	09/26/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	114	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	15.7	10.0	09/26/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	09/26/2024	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	09/26/2024	ND	432	108	400	3.77	QM-07
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C		
Received:	09/24/2024		Sampling Date:	09/24/2	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

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.0	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

Received:	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	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.6	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:	
Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	Sampling Condition	on: Cool & Intact
Project Number:	249136	Sample Received	By: Tamara Oldaker

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.9	% 49.1-14	8						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	mg/kg Analyzed By: CT		d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg Analyzed By: CT		d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



249136

DEVON LEA COUNTY, NM

Tamara Oldaker

Sample Received By:

#### Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS		
		701 TRADEWINDS BLVD. SU	JITE 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

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

Project Number:

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	16.7	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



#### Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/26/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



#### **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, Lab Director/Quality Manager

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 20 of 21

Released to	Imaging: 4/30/2	025 1:45:05	PM	

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Refinquished By:	Relinquished By: Date: 9/24	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive terneory analyses. All claims including those for negligence and any other cause whatsoever shall service. In no event shall Cardinal be liable for incidental or consequental damages, inclusive termed service.	2-1 01	2-V 6	7 V-7	6 V-1	V-1	3 V-1	2 1-1	1010/ V-1	Lab I.D. Sampie		FOR LAB USE ONLY	0	on:	ame	2yq	ne #:	Carlsbad	09	T1.	Company Name: NTGE
Observed Temp. °C 0,9 Sample Condition Corrected Temp. °C 0, 3 If Yes IF Yes No □ No	Date: Received By:	Re	I be deemed uding without hy Cardinal	S	2-2.5	0-6	2, 2- 2		2-2.5	1-1-2.1-1	- ×	(G)RAB O # CONTA GROUND WASTEW SOIL OIL SLUDGE OTHER :	DR (C)OM INERS WATER IATER	MATRIX	Fax	Pho Pho	11 29 CTB 2 9120 24 State:	Project Owner: DEVON City:	Fax #: Add	State: NMZip: 88220 Attn:		Sessums P.O.	
CHECKED BY: Turnaround Time: (Initials) Thermometer ID #1 Correction Factor -0	REMARKS:	All Results are en	varising minute uses in writing and received by Cardinal within 30 days after completion of the a waved unless made in writing and received by Cardinal within 30 days after completion of the a limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, reparticless of whether such claim is based upon any of the above stated reasons or otherwise.	t shall be limited to the amount paid by the client for the	<	-					9/24	ACID/BAS ICE / COO OTHER : DATE TIME		PRESERV. SAMIFLING		Phone #:	ite: Zip:	y:	Address:	2	company: Devon	1,# 21406179	BILL TO
I Time:       Standard       Pacteria (only) Sample Condution         Rush       Cool       Intact       Observed Temp. °C         rID       #140       Yes       Yes       Yes         actor -0.6°C       No       No       Corrected Temp. °C		ult: ☐ Yes ☐ No Add'i Phone #: are emailed. Please provide Email address:											BT Chi	E Hor	× id	e							

Received by OCD: 4/8/2025 8:00:45 AM

Page 97 of 176

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AND ANAL
<b>YSIS REQUEST</b>

Page 21 of 21

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Image: Signal and Signal an				Correction Factor -0.6°C	· .	Yes Yes		- Other:	
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Page 98 of 176

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**Environment Testing** 

# **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

See page two for job notes and contact information

5 6

# **Eurofins Carlsbad**

# Job Notes

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

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

# **Authorization**

AMER

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

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

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

SDG: 248872

Page 101 of 176

# **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

	Definitions/Glossary	
Client: NT Globa Project/Site: RE	al Job ID: 890-7319-1 ED BULL 29 CTB 2 SDG: 248872	2
Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VOA Qualifier	Qualifier Description	5
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.	
		8
Qualifier F1	Qualifier Description MS and/or MSD recovery exceeds control limits.	
F1 U	MS and/or MSD recovery exceeds control limits. Indicates the analyte was analyzed for but not detected.	9
Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	
<del>¢</del>	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)	
DI DA DE 111		

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 repo

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**

Job ID: 890-7319-1

#### Client: NT Global Project: RED BULL 29 CTB 2

## **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.

**Eurofins Carlsbad** 

RL

0.00199

0.00199

0.00199

MDL Unit

mg/Kg

mg/Kg

mg/Kg

D

Prepared

10/30/24 09:04

10/30/24 09:04

10/30/24 09:04

Job ID: 890-7319-1 SDG: 248872

# Client Sample ID: V - 1

Project/Site: RED BULL 29 CTB 2

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

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

Result Qualifier

<0.00199 U

<0.00199 U

<0.00199 U

Sample Depth: 6 - 6.5

Client: NT Global

Analyte

Benzene

Toluene

Ethylbenzene

Lab Sample ID: 890-7319-1

Analyzed

10/30/24 16:42

10/30/24 16:42

10/30/24 16:42

Matrix: Solid

Dil Fac

1

1

1

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m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/30/24 09:04	10/30/24 16:42	
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/30/24 09:04	10/30/24 16:42	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/30/24 09:04	10/30/24 16:42	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				10/30/24 09:04	10/30/24 16:42	
1,4-Difluorobenzene (Surr)	96		70 - 130				10/30/24 09:04	10/30/24 16:42	
Method: TAL SOP Total BTEX -	Total BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/30/24 16:42	
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) ((	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			10/30/24 13:26	
Method: SW846 8015B NM - Die	sel Range Orga	anics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/30/24 09:03	10/30/24 13:26	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/30/24 09:03	10/30/24 13:26	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/30/24 09:03	10/30/24 13:26	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
	91		70 - 130				10/30/24 09:03	10/30/24 13:26	
1-Chlorooctane	91							40/00/04 40 00	
	71		70 - 130				10/30/24 09:03	10/30/24 13:26	
o-Terphenyl	71	ohy - Soluble					10/30/24 09:03	10/30/24 13:26	
o-Terphenyl Method: EPA 300.0 - Anions, lor	71 n Chromatograp	o <mark>hy - Solubl</mark> e Qualifier		MDL	Unit	D	10/30/24 09:03 Prepared	Analyzed	Dil Fa
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lor Analyte Chloride	71 n Chromatograp		e	MDL	Unit mg/Kg	<u>D</u>			
o- <i>Terphenyl</i> Method: EPA 300.0 - Anions, lor Analyte Chloride	71 n Chromatograp Result		e	MDL		<u> </u>	Prepared	Analyzed	5
o-Terphenyl Method: EPA 300.0 - Anions, lor Analyte Chloride Client Sample ID: V - 1 ate Collected: 10/29/24 00:00	71 n Chromatograp Result		e	MDL		<u> </u>	Prepared	Analyzed 10/30/24 20:05 nple ID: 890-	5 7319-2
o-Terphenyl Method: EPA 300.0 - Anions, lor Analyte Chloride Client Sample ID: V - 1	71 n Chromatograp Result		e	MDL		<u>D</u>	Prepared	Analyzed 10/30/24 20:05 nple ID: 890-	5

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)			70 - 130				10/30/24 09:04	10/30/24 17:03	1

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Released to Imaging: 4/30/2025 1:45:05 PM

## **Client Sample Results**

Job ID: 890-7319-1 SDG: 248872

Matrix: Solid

5

Lab Sample ID: 890-7319-2

### Client Sample ID: V - 1

Project/Site: RED BULL 29 CTB 2

Client: NT Global

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

Sample Depth: 7 - 7.5

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)	95		70 - 130				10/30/24 09:04	10/30/24 17:03	
Method: TAL SOP Total BTEX -	Total BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/30/24 17:03	
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.8	U	49.8		mg/Kg			10/30/24 13:42	
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 13:42	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 13:42	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/30/24 09:03	10/30/24 13:42	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	80		70 - 130				10/30/24 09:03	10/30/24 13:42	
o-Terphenyl	63	S1-	70 - 130				10/30/24 09:03	10/30/24 13:42	
Method: EPA 300.0 - Anions, Ior	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	5430		99.4		mg/Kg			10/30/24 23:33	1
lient Sample ID: V - 1							Lah Car	nple ID: 890-	7040

Sample Depth: 8 - 8.5

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)			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 Cald	culation							
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

wethod: Sw846 8015 NW - Diesei F	kange Organ	ics (DRU) (	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**

Job ID: 890-7319-1
SDG: 248872

Matrix: Solid

5

Lab Sample ID: 890-7319-3

## Client Sample ID: V - 1

Project/Site: RED BULL 29 CTB 2

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

# Sample Depth: 8 - 8.5

Client: NT Global

Method: SW846 8015B NM - Dies	sel Range Orga	nics (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
1-Chlorooctane o-Terphenyl —	88 81		70 - 130 70 - 130				10/31/24 13:33 10/31/24 13:33	10/31/24 17:35 10/31/24 17:35	1 1
	81	ohy - Solubl	70 - 130						1 1
o-Terphenyl	81 Chromatograp	<mark>bhy - Solubl</mark> Qualifier	70 - 130	MDL	Unit	D			1 1 Dil Fac

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

Percent Surrogate Recovery (Acceptance Limits) BFB1 DFBZ1 Lab Sample ID Client Sample ID (70-130) (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 V - 1 890-7319-2 116 95 890-7319-3 V - 1 116 88 101 101 LCS 880-94387/1-A Lab Control Sample 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

_			
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(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

Page 107 of 176

Job ID: 890-7319-1 SDG: 248872

Prep Type: Total/NA

Prep Type: Total/NA

Project/Site: RED BULL 29 CTB 2

Client: NT Global

# **QC Sample Results**

Job ID: 890-7319-1 SDG: 248872

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

Lab Sample ID: MB 880-9438	7/ <b>5-A</b>								Clie	ent Sa	mple ID: N	lethod	l Blan
Matrix: Solid											Prep T	ype: To	otal/N
Analysis Batch: 94375											Prep	Batch:	: <mark>94</mark> 38
	м	B MB											
Analyte	Resu	It Qualifier	RL		MDL (	Unit		D	Prepa	red	Analyze	ed	Dil Fa
Benzene	<0.0020	00 U	0.00200		1	mg/Kg		10	/30/24	09:04	10/30/24 1	1:33	
Toluene	<0.0020	0 U	0.00200		ı	mg/Kg		10	/30/24	09:04	10/30/24 1	1:33	
Ethylbenzene	<0.0020	0 U	0.00200		ı	mg/Kg		10	/30/24	09:04	10/30/24 1	1:33	
m-Xylene & p-Xylene	<0.0040	0 U	0.00400			mg/Kg		10	/30/24	09:04	10/30/24 1	1:33	
p-Xylene	<0.0020	0 U	0.00200			mg/Kg		10	/30/24	09:04	10/30/24 1	1:33	
Xylenes, Total	<0.0040		0.00400			mg/Kg			/30/24		10/30/24 1		
						0 0							
		IB MB											
Surrogate	%Recover		Limits						Prepa		Analyze		Dil F
4-Bromofluorobenzene (Surr)		10	70 - 130						/30/24		10/30/24 1		
1,4-Difluorobenzene (Surr)	ξ	39	70 - 130					10	/30/24	09:04	10/30/24 1	1:33	
Lab Sample ID: LCS 880-9438	87/1_A							Clio	at Sa	molo I	D: Lab Co	ntrol S	Samn
Matrix: Solid								Cilei	n Sa	inple i	Prep T		
Analysis Batch: 94375			Spike	1.09	LCS						%Rec	Batch:	. 9430
Analyta			Added	Result			Unit	D	0/ 6	Rec	Limits		
Analyte Benzene			0.100	0.1065	Quain		mg/Kg			107	70 - 130		
			0.100	0.1084			mg/Kg			108	70 - 130		
Ethylbenzene			0.100	0.1069			mg/Kg			107	70 - 130		
			0.200	0.2088		1	mg/Kg			104	70 - 130		
m-Xylene & p-Xylene										400	70 400		
p-Xylene			0.100	0.1057		I	mg/Kg			106	70 - 130		
	LCS LC	cs				I	mg/Kg			106	70 - 130		
		CS ualifier				I	mg/Kg			106	70 - 130		
o-Xylene			0.100			1	mg/Kg			106	70 - 130		
o-Xylene	%Recovery Q		0.100 <i>Limits</i>			ļ	mg/Kg			106	70 - 130		
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	<b>%Recovery Q</b> 101 101		0.100 <i>Limits</i> 70 - 130										
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94	<b>%Recovery Q</b> 101 101		0.100 <i>Limits</i> 70 - 130			1		ent Sa			ab Control		
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	<b>%Recovery Q</b> 101 101		0.100 <i>Limits</i> 70 - 130			1		ent Sa					
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94	<b>%Recovery Q</b> 101 101		0.100 <i>Limits</i> 70 - 130			1		ent Sa			ab Control Prep T		otal/N
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid	<b>%Recovery Q</b> 101 101		0.100 <i>Limits</i> 70 - 130		LCSD			ent Sa			ab Control Prep T	pe: To	otal/N : 9438
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375	<b>%Recovery Q</b> 101 101		0.100 Limits 70 - 130 70 - 130	0.1057				ent Sa	mple		ab Control Prep T Prep	pe: To	otal/N : 943 RI
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte	<b>%Recovery Q</b> 101 101		0.100 <i>Limits</i> 70 - 130 70 - 130 <b>Spike</b>	0.1057 LCSD		ier	Clie		mple	ID: La	ab Control Prep Ty Prep %Rec	ype: To Batch:	otal/N : 943 Ri Lir
D-Xylene Surrogate 4-Bromofiluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene	<b>%Recovery Q</b> 101 101		0.100 <i>Limits</i> 70 - 130 70 - 130 Spike Added	0.1057 LCSD Result		ier l	Clie		mple	ID: La	ab Control Prep T Prep %Rec Limits	pe: To Batch: RPD	otal/N : 9438 RI 
o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid	<b>%Recovery Q</b> 101 101		0.100 Limits 70 - 130 70 - 130 Spike Added 0.100	0.1057 LCSD Result 0.1001		ïer	Clie Unit <sup>mg/Kg</sup>		mple	ID: La Rec 100 —	ab Control Prep Ty Prep %Rec Limits 70 - 130	pe: To Batch: RPD 6	otal/N : 9438 RI 
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene	<b>%Recovery Q</b> 101 101		0.100 Limits 70 - 130 70 - 130 Spike Added 0.100 0.100	0.1057 LCSD Result 0.1001 0.1021		ïer	Clie Unit mg/Kg mg/Kg		mple	ID: La Rec 100	ab Control Prep Ty Prep %Rec Limits 70 - 130 70 - 130	pe: To Batch: RPD 6 6	otal/N : 9438 RF 
Surrogate 4-Bromofiluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene	<b>%Recovery Q</b> 101 101		0.100 Limits 70 - 130 70 - 130 <b>Spike</b> Added 0.100 0.100 0.100	0.1057 LCSD Result 0.1001 0.1021 0.1005		ier	Clie Unit mg/Kg mg/Kg mg/Kg		mple	ID: La Rec 100 102 100	<b>ab Control</b> <b>Prep Ty</b> <b>Prep</b> <b>%Rec</b> <b>Limits</b> 70 - 130 70 - 130 70 - 130	<mark>RPD</mark> 6 6 6	otal/N : 9438 RF 
Surrogate 4-Bromofiuorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	- <u>%Recovery</u> <u>Q</u> 101 101 387/2-A	ualifier	0.100 <i>Limits</i> 70 - 130 70 - 130 <b>Spike</b> <b>Added</b> 0.100 0.100 0.100 0.200	0.1057 LCSD Result 0.1001 0.1021 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple	ID: La Rec 100 102 100 97	<b>ab Control</b> <b>Prep Ty</b> <b>Prep</b> <b>%Rec</b> <b>Limits</b> 70 - 130 70 - 130 70 - 130 70 - 130	RPD 6 6 7	otal/N : 9438 RF 
Surrogate 4-Bromofiuorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene p-Xylene	- <u>%Recovery</u> <u>Q</u> 101 101 387/2-A	ualifier -	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100	0.1057 LCSD Result 0.1001 0.1021 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple	ID: La Rec 100 102 100 97	<b>ab Control</b> <b>Prep Ty</b> <b>Prep</b> <b>%Rec</b> <b>Limits</b> 70 - 130 70 - 130 70 - 130 70 - 130	RPD 6 6 7	otal/N : 9438  
Surrogate 4-Bromofiuorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene p-Xylene Surrogate	<u>%Recovery</u> <u>101</u> 101 387/2-A <u>LCSD</u> LC <u>%Recovery</u> Q	ualifier	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100 0.200 0.100 Limits	0.1057 LCSD Result 0.1001 0.1021 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple	ID: La Rec 100 102 100 97	<b>ab Control</b> <b>Prep Ty</b> <b>Prep</b> <b>%Rec</b> <b>Limits</b> 70 - 130 70 - 130 70 - 130 70 - 130	RPD 6 6 7	otal/N : 9438  
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr)	%Recovery         Q           101         101           387/2-A	ualifier -	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100 0.200 0.100 0.200 0.100 0.200 0.100	0.1057 LCSD Result 0.1001 0.1021 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple	ID: La Rec 100 102 100 97	<b>ab Control</b> <b>Prep Ty</b> <b>Prep</b> <b>%Rec</b> <b>Limits</b> 70 - 130 70 - 130 70 - 130 70 - 130	RPD 6 6 7	otal/N : 9438 RI 
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr)	<u>%Recovery</u> <u>101</u> 101 387/2-A <u>LCSD</u> LC <u>%Recovery</u> Q	ualifier -	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100 0.200 0.100 Limits	0.1057 LCSD Result 0.1001 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple	ID: La Rec 100 102 100 97	<b>ab Control</b> <b>Prep Ty</b> <b>Prep</b> <b>%Rec</b> <b>Limits</b> 70 - 130 70 - 130 70 - 130 70 - 130	RPD 6 6 7	otal/N : 9438  
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	%Recovery         Qi           101         101           387/2-A	ualifier -	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100 0.200 0.100 0.200 0.100 0.200 0.100	0.1057 LCSD Result 0.1001 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple %F	ID: La 100	ab Control Prep Ty %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch: RPD 6 6 6 6 7 7 7	otal/N : 9438  
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-7317-A-1	%Recovery         Qi           101         101           387/2-A	ualifier -	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100 0.200 0.100 0.200 0.100 0.200 0.100	0.1057 LCSD Result 0.1001 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple %F	ID: La 100	ab Control Prep Ty %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch: RPD 6 6 6 6 7 7 7 7 Matrix	otal/N : 9433 R Lir
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene b-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-7317-A-1 Matrix: Solid	%Recovery         Qi           101         101           387/2-A	ualifier -	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100 0.200 0.100 0.200 0.100 0.200 0.100	0.1057 LCSD Result 0.1001 0.1005 0.1948		ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple %F	ID: La 100	ab Control Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch: RPD 6 6 6 6 7 7 7 7 Matrix ype: To	c Spil
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-7317-A-1	<u>%Recovery</u> 101 101 387/2-A LCSD LC %Recovery Q 101 99 -D MS	ualifier	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.200 0.100 0.200 0.100 Uimits 70 - 130 70 - 130	0.1057 LCSD Result 0.1001 0.1021 0.1005 0.1948 0.09887	Qualif	ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple %F	ID: La 100	ab Control Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch: RPD 6 6 6 6 7 7 7 7 Matrix	c Spil
Surrogate 4-Bromofiluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate 4-Bromofiluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-7317-A-1 Matrix: Solid Analysis Batch: 94375	<ul> <li><u>%Recovery</u> <u>Q</u></li> <li>101</li> <li>101</li> <li>387/2-A</li> <li><u>LCSD</u> <u>LC</u></li> <li><u>%Recovery</u> <u>Q</u></li> <li><u>101</u></li> <li>99</li> <li>-D MS</li> <li>Sample Sa</li> </ul>	ualifier CSD ualifier	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.100 0.200 0.100 0.200 0.100 Uimits 70 - 130 70 - 130 70 - 130	0.1057 LCSD Result 0.1001 0.1021 0.1948 0.09887	Qualif	ier i	Clie mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	mple %F	ID: La Rec 100 102 100 97 99 lient S	ab Control Prep Ty Prep %Rec Limits 70 - 130 70 - 190 70	ype: To Batch: RPD 6 6 6 6 7 7 7 7 Matrix ype: To	c Spil
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-94 Matrix: Solid Analysis Batch: 94375 Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene b-Xylene Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: 890-7317-A-1 Matrix: Solid	<u>%Recovery</u> 101 101 387/2-A LCSD LC %Recovery Q 101 99 -D MS	ualifier CSD ualifier	0.100 Limits 70 - 130 70 - 130 70 - 130 Spike Added 0.100 0.100 0.200 0.100 0.200 0.100 Uimits 70 - 130 70 - 130	0.1057 LCSD Result 0.1001 0.1021 0.1005 0.1948 0.09887	Qualif	ier	Clie Unit mg/Kg mg/Kg mg/Kg mg/Kg		mple %F	ID: La 100	ab Control Prep Ty Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130 70 - 130	ype: To Batch: RPD 6 6 6 6 7 7 7 7 Matrix ype: To	c Spik

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# QC Sample Results

MS MS

0.09907

0.1929

0.09683

**Result Qualifier** 

Unit

mg/Kg

mg/Kg

mg/Kg

Spike

Added

0.100

0.200

0.100

Limits

70 - 130

70 - 130

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

Lab Sample ID: 890-7317-A-1-D MS

Matrix: Solid

Analyte

o-Xylene

Surrogate

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 94375

Sample Sample

<0.00201

<0.00402 U

<0.00201 U

104

99

%Recovery

Result Qualifier

U

MS MS

Qualifier

89

# 7

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

**Client Sample ID: Method Blank** 

11/01/24 11:50

**Client Sample ID: Lab Control Sample** 

11/01/24 09:25

Prep Type: Total/NA

Prep Batch: 94585

%Rec

Limits

70 - 130

70 - 130

70 - 130

%Rec

99

96

97

D

# Matrix: Solid Analysis Batch: 94375

Lab Sample ID: 890-7317-A-1-E MSD

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

								Prep	Batch:	94387	
Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
<0.00201	U	0.100	0.09904		mg/Kg		99	70 - 130	0	35	
<0.00201	U	0.100	0.09974		mg/Kg		100	70 - 130	1	35	ï
<0.00201	U	0.100	0.09800		mg/Kg		98	70 - 130	1	35	
<0.00402	U	0.200	0.1908		mg/Kg		95	70 - 130	1	35	i
<0.00201	U	0.100	0.09627		mg/Kg		96	70 - 130	1	35	
	Result           <0.00201	Sample         Sample           Result         Qualifier           <0.00201	Result         Qualifier         Added           <0.00201	Result         Qualifier         Added         Result           <0.00201	Result         Qualifier         Added         Result         Qualifier           <0.00201	Result         Qualifier         Added         Result         Qualifier         Unit           <0.00201	Result         Qualifier         Added         Result         Qualifier         Unit         D           <0.00201	Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec           <0.00201	Sample         Sample         Spike         MSD         MSD         %Rec           Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec         Limits           <0.00201	Sample         Sample         Spike         MSD         MSD         %Rec           Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec         Limits         RPD           <0.00201	Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec         Limits         RPD         Limit           <0.00201

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
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

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

70 - 130

# 1,4-Difluorobenzene (Surr) Lab Sample ID: LCS 880-94585/1-A Matrix: Solid

# Analysis Batch: 94485

· · ·	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
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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Prep Type: Total/NA

Prep Batch: 94585

Page 109 of 176 **Client Sample ID: Matrix Spike** Prep Type: Total/NA Prep Batch: 94387

1

# **QC Sample Results**

Client: NT Global

Project/Site: RED BULL 29 CTB 2

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

# . . .

Lab Sample ID: LCS 880-94	585/1-A						Client	Sample	D: Lab Co		
Matrix: Solid										ype: To	
Analysis Batch: 94485									Prep	Batch:	9458
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
o-Xylene			0.100	0.09733		mg/Kg		97	70 - 130		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								
Lab Sample ID: LCSD 880-9	94585/2-A					Clie	nt Sam	nple ID: I	Lab Contro	I Sampl	e Du
Matrix: Solid									Prep T	ype: To	tal/N
Analysis Batch: 94485									Prep	Batch:	9458
			Spike	LCSD	LCSD				%Rec		RP
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Benzene			0.100	0.09588		mg/Kg		96	70 - 130	4	3
Toluene			0.100	0.09685		mg/Kg		97	70 - 130	4	3
Ethylbenzene			0.100	0.09294		mg/Kg		93	70 - 130	4	3
m-Xylene & p-Xylene			0.200	0.1882		mg/Kg		94	70 - 130	5	3
o-Xylene			0.100	0.09297		mg/Kg		93	70 - 130	5	3
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								
Lab Sample ID: 880-50531-/	A-26-D MS							Client	Sample ID:	: Matrix	Spik
Matrix: Solid									Prep T	ype: To	tal/N
Analysis Batch: 94485									Prep	Batch:	9458
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								
Lab Sample ID: 880-50531-/	A-26-E MSD					CI	lient Sa	ample IC	): Matrix Sp	oike Dup	olicat
Matrix: Solid									Prep T	ype: To	tal/N
Analysis Batch: 94485									Bron	Batch:	0450

Analysis Batch: 94485									Prep	Batch:	94585
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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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Project/Site: RED BULL 29 CTB 2

Client: NT Global

# **QC Sample Results**

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

Lab Sample ID: 880-50531-A-2	6-E MSD						С	lien	t Sa	mple ID:	Matrix Spike	Dupl	icate
Matrix: Solid Analysis Batch: 94485											Prep Type: Prep Bate		
······,		-											
Summe mede	MSD MS		Limite										
Surrogate 4-Bromofluorobenzene (Surr)	<u>%Recovery</u> Qua	alifier	Limits 70 - 130										
1,4-Difluorobenzene (Surr)	97		70 - 130										
/lethod: 8015B NM - Diese		nics (DF	20) (GC)										
Lab Sample ID: MB 880-94386/										Client Sa	mple ID: Meth	od F	lank
Matrix: Solid	174									chefit Sa	Prep Type:		
Analysis Batch: 94393											Prep Bate		
	MB	MB									Trop But		
Analyte		Qualifier	RL		MDL	Unit		D	Pr	repared	Analyzed		Dil Fac
Gasoline Range Organics	<50.0		50.0			mg/Kg				9/24 17:00	10/30/24 03:52		1
(GRO)-C6-C10						2 0							
Diesel Range Organics (Over	<50.0	U	50.0			mg/Kg			10/29	9/24 17:00	10/30/24 03:52		1
C10-C28) Oil Range Organics (Over C28-C36)	<50.0		50.0			mg/Kg			10/20	9/24 17:00	10/30/24 03:52		1
On Range Organics (Over C26-C30)	<50.0	0	50.0			шу/ку			10/2:	9/24 17.00	10/30/24 03:52		1
	ME												
Surrogate	%Recovery		Limits					_		repared	Analyzed		Dil Fac
1-Chlorooctane o-Terphenyl	133 109	8 S1+	70 <sub>-</sub> 130 70 <sub>-</sub> 130							9/24 17:00 9/24 17:00	10/30/24 03:52 10/30/24 03:52		1
Lab Sample ID: LCS 880-94386	5/2-A							Cli	ent	Sample I	D: Lab Contro	l Sa	mple
Matrix: Solid								•	on	Campie	Prep Type:		
Analysis Batch: 94393											Prep Bate		
			Spike	LCS	LCS						%Rec		
Analyte			Added	Result	Qua	ifier	Unit		D	%Rec	Limits		
Gasoline Range Organics			1000	1034			mg/Kg		_	103	70 - 130		
(GRO)-C6-C10													
Diesel Range Organics (Over			1000	894.9			mg/Kg			89	70 - 130		
C10-C28)													
	LCS LC												
Surrogate	%Recovery Qu		Limits										
C10-C28) Surrogate 1-Chlorooctane	%Recovery Qua 122		70 - 130										
Surrogate	%Recovery Qu												
Surrogate 1-Chlorooctane o-Terphenyl	%Recovery Qua 122 114		70 - 130				Clie	ent S	Sam	ple ID: La	ab Control Sar	nple	Dup
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943	%Recovery Qua 122 114		70 - 130				Clie	ent S	Sam	ple ID: La	ab Control Sar Prep Type:		
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid	%Recovery Qua 122 114		70 - 130				Clie	ent S	Sam	ple ID: La		Tota	al/NA
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid	%Recovery Qua 122 114		70 - 130	LCSD	LCS	D	Clie	ent S	Sam	ple ID: La	Prep Type:	Tota	al/NA
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid Analysis Batch: 94393 Analyte	%Recovery Qua 122 114		70 - 130 70 - 130 Spike Added	LCSD Result			Unit	ent S	Sam	%Rec	Prep Type: Prep Bato %Rec Limits RF	Tota ch: 9	al/NA 4386 RPD Limit
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics	%Recovery Qua 122 114		70 - 130 70 - 130 <b>Spike</b>	LCSD				ent S		-	Prep Type: Prep Bato %Rec	Tota h: 9	al/NA 4386 RPD Limit
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics (GRO)-C6-C10	%Recovery Qua 122 114		70 - 130 70 - 130 <b>Spike</b> Added 1000	LCSD Result 965.4			Unit mg/Kg	ent S		%Rec	Prep Type: Prep Bate %Rec Limits RF 70 - 130	<b>Tota</b> sh: 9 <u>PD</u> 7	Al/NA 4386 RPD Limit
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	%Recovery Qua 122 114		70 - 130 70 - 130 Spike Added	LCSD Result			Unit	ent S		%Rec	Prep Type: Prep Bate %Rec Limits RF 70 - 130	Tota ch: 9	Al/NA 4386 RPD Limit
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid Analysis Batch: 94393	%Recovery Qua 122 114	alifier	70 - 130 70 - 130 <b>Spike</b> Added 1000	LCSD Result 965.4			Unit mg/Kg	ent S		%Rec	Prep Type: Prep Bate %Rec Limits RF 70 - 130	<b>Tota</b> sh: 9 <u>PD</u> 7	al/NA 4386 RPD Limit
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	%Recovery Qua 122 114 86/3-A	SD	70 - 130 70 - 130 <b>Spike</b> Added 1000	LCSD Result 965.4			Unit mg/Kg	ent S		%Rec	Prep Type: Prep Bate %Rec Limits RF 70 - 130	<b>Tota</b> sh: 9 <u>PD</u> 7	Al/NA 4386 RPD Limit
Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-943 Matrix: Solid Analysis Batch: 94393 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	%Recovery         Qui           122         114           86/3-A	SD	70 - 130 70 - 130 <b>Spike</b> Added 1000	LCSD Result 965.4			Unit mg/Kg	ent S		%Rec	Prep Type: Prep Bate %Rec Limits RF 70 - 130	<b>Tota</b> sh: 9 <u>PD</u> 7	Al/NA 4386 RPD Limit

Project/Site: RED BULL 29 CTB 2

Client: NT Global

# **QC Sample Results**

Job ID: 890-7319-1 SDG: 248872

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

_ab Sample ID: 890-7317-A-1-I	B MS										Client S	Sample ID	: Matrix	Spike
Matrix: Solid													Гуре: То	-
Analysis Batch: 94393													Batch:	
Analysis Baton. 04000	Sample	Samn	ما	Spike	M	S MS						%Rec	Batom	04000
Analyte	Result			Added	Resul		lifior	Unit		D	%Rec	Limits		
Gasoline Range Organics	<49.7				740.0					<u> </u>	74	70 - 130		
(GRO)-C6-C10	\$49.7	0		994	740.0	,		mg/Kg			74	70 - 130		
Diesel Range Organics (Over	<49.7	U F1		994	642.7	7 F1		mg/Kg			65	70 - 130		
C10-C28)	40.1	011		004	042.1			iiig/itg			00	70 - 100		
	MS													
Surrogate	%Recovery	Qualif	fier	Limits										
1-Chlorooctane	83			70 - 130										
p-Terphenyl	71			70 - 130										
Lab Cample ID: 800 7247 A 4	C MOD								Clien			Matula C		nlingto
Lab Sample ID: 890-7317-A-1-									Clien	1 38		: Matrix S		-
Matrix: Solid													Type: To	
Analysis Batch: 94393							_						Batch:	
	Sample	-		Spike		) MSI				-	~	%Rec		RPD
Analyte	Result	-	ier	Added		t Qua	alifier	Unit		<u>D</u> .	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.7	U		994	727.9	ł		mg/Kg			73	70 - 130	2	20
(GRO)-C6-C10 Diosel Bango Organics (Over	-10 7	11 51		994	604	) =4		ma/V~			60	70 120	0	20
Diesel Range Organics (Over C10-C28)	<49.7			994	624.0	/ <b>F</b> 1		mg/Kg			63	70 - 130	3	20
010-020)														
	MSD	MSD												
Surrogate	%Recovery	Qualif	lier	Limits										
1-Chlorooctane	82			70 - 130										
o-Terphenyl	70			70 - 130										
Lab Sample ID: MB 880-94523	/1 <b>-A</b>										Client Sa	ample ID:		
Matrix: Solid													Type: To	
Analysis Batch: 94538												Prep	Batch:	94523
		MP												
			MB											
-		esult (	Qualifier		RL	MDL	Unit		D		epared	Analyz		Dil Fac
Analyte Gasoline Range Organics			Qualifier		<b>RL</b> 50.0	MDL	Unit mg/Kg				epared 1/24 09:00	Analyz 10/31/24		Dil Fac 1
Gasoline Range Organics (GRO)-C6-C10		esult ( 50.0 (	Qualifier U		50.0	MDL	mg/Kg			10/31	1/24 09:00	10/31/24	09:52	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		esult (	Qualifier U			MDL				10/31	•		09:52	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<	esult ( 50.0 (	<b>Qualifier</b> U		50.0	MDL	mg/Kg mg/Kg			10/31 10/31	1/24 09:00	10/31/24	09:52 09:52	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<	esult ( 50.0 (	<b>Qualifier</b> U		50.0	MDL	mg/Kg			10/31 10/31	1/24 09:00	10/31/24	09:52 09:52	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB (	Qualifier U U U MB		50.0	MDL	mg/Kg mg/Kg			10/31 10/31	1/24 09:00	10/31/24	09:52 09:52	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Dil Range Organics (Over C28-C36)	<	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB (	<b>Qualifier</b> U U		50.0 50.0 50.0	MDL	mg/Kg mg/Kg			10/31 10/31 10/31	1/24 09:00	10/31/24	09:52 09:52 09:52	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Dil Range Organics (Over C28-C36) Surrogate	<	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB (	Qualifier U U MB Qualifier		50.0 50.0 50.0 <b>s</b>	MDL	mg/Kg mg/Kg			10/3* 10/3* 10/3* <b>Pr</b>	1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 <b>Analyz</b>	09:52 09:52 09:52 2ed	1
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Dil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 0 () 50.0 () 50	Qualifier U U MB Qualifier S1+	Limits	50.0 50.0 50.0 <b>s</b> 30	MDL	mg/Kg mg/Kg			10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup> <b>Pr</b>	1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 10/31/24 <b>Analyz</b> 10/31/24	09:52 - 009:52 - 0000 - 009:52 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 00000 - 000000	1 1 1 <i>Dil Fac</i>
Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Dil Range Organics (Over C28-C36) Dil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane p-Terphenyl	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+	<i>Limit</i> : 70 _ 1:	50.0 50.0 50.0 <b>s</b> 30	MDL	mg/Kg mg/Kg			10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 <b>Analyz</b> 10/31/24 10/31/24	09:52 09:52 09:52 <b>zed</b> 09:52 09:52	1 1 1 1 1 <i>Dil Fac</i> 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Dil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCS 880-94523	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+	<i>Limit</i> : 70 _ 1:	50.0 50.0 50.0 <b>s</b> 30	MDL	mg/Kg mg/Kg			10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 <u>Analyz</u> 10/31/24 10/31/24 <b>ID: Lab C</b>	09:52 09:52 09:52 09:52 <b>zed</b> 09:52 09:52 09:52	1 1 1 1 1 1 5 ample
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Dil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCS 880-94523	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+	<i>Limit</i> : 70 _ 1:	50.0 50.0 50.0 <b>s</b> 30	MDL	mg/Kg mg/Kg			10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 <i>Analyz</i> 10/31/24 10/31/24 <b>ID: Lab C</b> <b>Prep</b>	09:52 09:52 09:52 09:52 09:52 09:52 ontrol S Type: To	1 1 1 1 1 1 Sample otal/NA
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-94523 Matrix: Solid	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+	<i>Limit</i> : 70 _ 1:	50.0 50.0 50.0 <b>s</b> 30	MDL	mg/Kg mg/Kg			10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 <i>Analyz</i> 10/31/24 10/31/24 <b>ID: Lab C</b> <b>Prep</b>	09:52 09:52 09:52 09:52 <b>zed</b> 09:52 09:52 09:52	1 1 1 1 1 1 Sample otal/NA
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Dil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCS 880-94523 Matrix: Solid	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+	<i>Limit</i> : 70 _ 1:	50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	MDL	mg/Kg mg/Kg mg/Kg			10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 <i>Analyz</i> 10/31/24 10/31/24 <b>ID: Lab C</b> <b>Prep</b>	09:52 09:52 09:52 09:52 09:52 09:52 ontrol S Type: To	1 1 1 1 1 1 Sample otal/NA
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-94523 Matrix: Solid Analysis Batch: 94538	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+	 70 - 1. 70 - 1.	50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	6 LCS	mg/Kg mg/Kg mg/Kg			10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup> 10/3 <sup>-1</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00	10/31/24 10/31/24 10/31/24 10/31/24 10/31/24 10/31/24 ID: Lab C Prep 1 Prep	09:52 09:52 09:52 09:52 09:52 09:52 ontrol S Type: To	1 1 1 1 1 1 Sample otal/NA
Gasoline Range Organics	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+	<u>Limits</u> 70 - 1. 70 - 1. Spike	50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	3 LCS	mg/Kg mg/Kg mg/Kg			10/3 <sup>4</sup> 10/3 <sup>4</sup> 10/3 <sup>4</sup> <i>Pr</i> 10/3 <sup>4</sup> 10/3 <sup>4</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 Sample	10/31/24 10/31/24 10/31/24 10/31/24 10/31/24 10/31/24 ID: Lab Co Prep %Rec	09:52 09:52 09:52 09:52 09:52 09:52 ontrol S Type: To	1 1 1 1 1 1 Sample otal/NA
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: LCS 880-94523 Matrix: Solid Analysis Batch: 94538 Analyte	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	esult ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( 50.0 ( MB ( 50.0 ( 139 ( 50.0 ( 139 ( 50.0 ( 5	Qualifier U U MB Qualifier S1+		50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	3 LCS	mg/Kg mg/Kg mg/Kg	Unit		10/3 <sup>4</sup> 10/3 <sup>4</sup> 10/3 <sup>4</sup> <i>Pr</i> 10/3 <sup>4</sup> 10/3 <sup>4</sup>	1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 1/24 09:00 Sample	10/31/24 10/31/24 10/31/24 10/31/24 10/31/24 10/31/24 ID: Lab C Prep %Rec Limits	09:52 09:52 09:52 09:52 09:52 09:52 ontrol S Type: To	1 1 1 1 1 1 Sample otal/NA

# **QC Sample Results**

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

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

Lab Sample ID: LCS 880-945	523/2-A	<u> </u>					Client	Sample	e ID: Lab C		
Matrix: Solid									Prep 1	Гуре: То	tal/NA
Analysis Batch: 94538									Prep	Batch:	94523
	LCS	LCS									
Surrogate	%Recovery		Limits								
1-Chlorooctane		S1+	70 - 130								
o-Terphenyl		S1+	70 - 130								
		•									
Lab Sample ID: LCSD 880-94	4523/3-A					Clie	nt Sam	ple ID:	Lab Contro	ol Sampl	e Dup
Matrix: Solid									Prep 1	Гуре: То	tal/NA
Analysis Batch: 94538										Batch:	
-			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics			1000	1129		mg/Kg		113	70 - 130	4	20
(GRO)-C6-C10											
Diesel Range Organics (Over			1000	1064		mg/Kg		106	70 - 130	4	20
C10-C28)											
	LCSD	LCSD									
Surrogate	%Recovery		Limits								
1-Chlorooctane		S1+	70 - 130								
o-Terphenyl		S1+	70 - 130								
		011	101100								
Lab Sample ID: 880-50461-A	-1-G MS							Client	Sample ID	: Matrix	Spike
Matrix: Solid										Гуре: То	
Analysis Batch: 94538										Batch:	
·····	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	-	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics	<49.9	U	1000	868.3		mg/Kg		87	70 - 130		
(GRO)-C6-C10						0 0					
Diesel Range Organics (Over	<49.9	U	1000	949.0		mg/Kg		95	70 - 130		
C10-C28)											
	MS	MS									
Surrogate	%Recovery		Limits								
1-Chlorooctane		Quanner	70 - 130								
o-Terphenyl	92		70 - 130 70 - 130								
oreiphenyi	52		70 - 700								
Lab Sample ID: 880-50461-A	-1-H MSD					CI	ient Sa	ample IF	D: Matrix S	nike Dur	olicate
Matrix: Solid										Гуре: То	
Analysis Batch: 94538										Batch:	
Analysis Baton: 04000	Sample	Sample	Spike	MSD	MSD				%Rec	Batom	RPD
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9		1000	873.0		_ mg/Kg		87	70 - 130	1	20
(GRO)-C6-C10	10.0	-	1000	0,0.0				0,			20
Diesel Range Organics (Over	<49.9	U	1000	937.9		mg/Kg		94	70 - 130	1	20
C10-C28)											
	Men	MSD									
Surrogate	%Recovery		Limits								
Junoyate	/intecovery	quanner	LIIII15								

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

5

Job ID: 890-7319-1

SDG: 248872

Project/Site: RED BULL 29 CTB 2

Client: NT Global

# **QC Sample Results**

Job ID: 890-7319-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-94417/1-A												Client S	ample ID: I	Method	l Blank
Matrix: Solid													Prep	Type: S	Soluble
Analysis Batch: 94425															
		MB	MB												
Analyte			Qualifier		RL		MDL			<u>D</u>	P	repared	Analyz		Dil Fac
Chloride		<10.0	U		10.0			mg/Kg	l				10/30/24 1	17:41	1
Lab Sample ID: LCS 880-94417/2-A	L .									CI	ient	Sample	ID: Lab Co	ontrol S	Sample
Matrix: Solid													Prep	Type: S	Soluble
Analysis Batch: 94425															
				Spike			LCS				_		%Rec		
Analyte				Added		Result	Qual	ifier	Unit		D	%Rec	Limits		
Chloride				250		239.5			mg/Kg			96	90 - 110		
Lab Sample ID: LCSD 880-94417/3-	A								Cli	ent \$	Sam	ple ID: I	Lab Contro		
Matrix: Solid													Prep	Type: S	Soluble
Analysis Batch: 94425				• •				_							
Analyta				Spike Addod		LCSD			l Init		<b>P</b>	0/ D	%Rec	000	RPD
Analyte				Added		Result	Qual	mer	Unit		D	%Rec	Limits		20
Chloride				250		237.9			mg/Kg			95	90 - 110	1	20
Lab Sample ID: 890-7316-A-9-B MS Matrix: Solid	5											Client	Sample ID: Prep	: Matrix Type: S	
Analysis Batch: 94425															
	Sample	Sam	ple	Spike		MS	MS						%Rec		
Analyte	Result	Qua	lifier	Added		Result	Qual	ifier	Unit		D	%Rec	Limits		
Chloride	104			249		350.9			mg/Kg			99	90 - 110		
-															
Matrix: Solid	D								(	Clien	nt Sa	ample ID	: Matrix Sp Prep	oike Du Type: S	-
Matrix: Solid	D Sample	Sam	ple	Spike		MSD	MSD		(	Clien	nt Sa	ample ID			Soluble
Matrix: Solid			•	Spike Added		MSD Result		ifier	Unit	Clien	nt Sa	ample ID %Rec	Prep		Soluble
Matrix: Solid Analysis Batch: 94425 Analyte	Sample	Qua	•	•				ifier		Clien		-	Prep *	Type: S	RPC Limit
Matrix: Solid Analysis Batch: 94425 Analyte Chloride	Sample Result	Qua	•	Added		Result		ifier	Unit	Clien	<u>D</u>	<b>%Rec</b>	Prep * %Rec Limits	Type: S 	RPD Limit
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A	Sample Result	Qua	•	Added		Result		ifier	Unit	Clier	<u>D</u>	<b>%Rec</b>	Prep %Rec Limits 90 - 110	Type: S 	RPE Limit 20
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A	Sample Result	Qua	•	Added		Result		ifier	Unit	Clien	<u>D</u>	<b>%Rec</b>	Prep %Rec Limits 90 - 110	Type: S	RPD Limit 20
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid	Sample Result	Qual	•	Added		Result		ifier	Unit	Clien	<u>D</u>	<b>%Rec</b>	Prep %Rec Limits 90 - 110	Type: S	RPD Limit 20
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449	Sample Result 104	Qual	lifier	Added	RL	Result	Qual	<u>Unit</u>	Unit	D	<u>D</u>	<b>%Rec</b>	Prep %Rec Limits 90 - 110	Type: S RPD 0 Method Type: S	RPD Limit 20
Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid	Sample Result 104	Qual	MB Qualifier	Added	<b>RL</b> 10.0	Result	Qual		Unit mg/Kg		<u>D</u>	%Rec 100 Client S	Prep %Rec Limits 90 - 110 Gample ID: I Prep	Type: S <u>RPD</u> 0 Method Type: S ed	RPD Limit 20 I Blank Soluble
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride	Sample Result 104	Quai MB Result	MB Qualifier	Added		Result	Qual	Unit	Unit mg/Kg	<u>D</u>	D — Pr	%Rec 100 Client S	Prep %Rec Limits 90 - 110 cample ID: I Prep 	Type: S <u>RPD</u> 0 Method Type: S ed 21:10	RPD Limit 20 I Blank Soluble Dil Fac
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A	Sample Result 104	Quai MB Result	MB Qualifier	Added		Result	Qual	Unit	Unit mg/Kg	<u>D</u>	D — Pr	%Rec 100 Client S	Prep %Rec Limits 90 - 110 ample ID: I Prep Analyz 10/30/24 2	Type: S <u>RPD</u> 0 Method Type: S ed 21:10 - - - - - - - - - - - - -	RPD Limit 20 I Blank Soluble Dil Fac 1 Sample
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid	Sample Result 104	Quai MB Result	MB Qualifier	Added		Result	Qual	Unit	Unit mg/Kg	<u>D</u>	D — Pr	%Rec 100 Client S	Prep %Rec Limits 90 - 110 ample ID: I Prep Analyz 10/30/24 2	Type: S <u>RPD</u> 0 Method Type: S ed 21:10	RPD Limit 20 I Blank Soluble Dil Fac 1 Sample
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A	Sample Result 104	Quai MB Result	MB Qualifier	Added		Result 351.8	Qual	Unit	Unit mg/Kg	<u>D</u>	D — Pr	%Rec 100 Client S	Prep %Rec Limits 90 - 110 ample ID: I Prep Analyz 10/30/24 2	Type: S <u>RPD</u> 0 Method Type: S ed 21:10 - - - - - - - - - - - - -	RPD Limit 20 I Blank Soluble Dil Fac
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid Analysis Batch: 94449	Sample Result 104	Quai MB Result	MB Qualifier	Added 249		Result 351.8	Qual MDL LCS	Unit mg/Kg	Unit mg/Kg	<u>D</u>	D — Pr	%Rec 100 Client S	Prep %Rec Limits 90 - 110 Gample ID: I Prep 10/30/24 2 FID: Lab Co Prep	Type: S <u>RPD</u> 0 Method Type: S ed 21:10 - - - - - - - - - - - - -	RPD Limit 20 I Blank Soluble Dil Fac
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid Analysis Batch: 94449 Analyte	Sample Result 104	Quai MB Result	MB Qualifier	Added 249		Result 351.8	Qual MDL LCS	Unit mg/Kg	Unit mg/Kg	<u>D</u>	D Pi	%Rec 100 Client S repared Sample	Prep %Rec Limits 90 - 110 Gample ID: I Prep Analyz 10/30/24 2 0 ID: Lab Co Prep %Rec	Type: S <u>RPD</u> 0 Method Type: S ed 21:10 - - - - - - - - - - - - -	RPD Limit 20 I Blank Soluble Dil Fac
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride	Sample Result 104	Quai MB Result	MB Qualifier	Added 249 		Result 351.8 LCS Result	Qual MDL LCS	Unit mg/Kg	Unit mg/Kg	D CI	D Pi ient	%Rec 100 Client S repared Sample %Rec 101	Arec           Limits           90 - 110           Gample ID: I           Prep           Analyz           10/30/24 2           ID: Lab Co           Prep           %Rec           Limits           90 - 110	Type: S <u>RPD</u> 0 Method Type: S ed 21:10 Control S Type: S	Coluble RPC Limit 20 I Blank Soluble Dil Fac 1 Sample Soluble
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCSD 880-94433/3-	Sample Result 104	Quai MB Result	MB Qualifier	Added 249 		Result 351.8 LCS Result	Qual MDL LCS	Unit mg/Kg	Unit mg/Kg	D CI	D Pi ient	%Rec 100 Client S repared Sample %Rec 101	Prep %Rec Limits 90 - 110 ample ID: I Prep Analyz 10/30/24 2 ID: Lab Co Prep %Rec Limits 90 - 110 Lab Contro	Type: S RPD 0 Method Type: S ed 21:10 Type: S I Samp	Coluble RPD Limit 20 I Blank Soluble Dil Fac 1 Sample Soluble
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCSD 880-94433/3- Matrix: Solid	Sample Result 104	Quai MB Result	MB Qualifier	Added 249 		Result 351.8 LCS Result	Qual MDL LCS	Unit mg/Kg	Unit mg/Kg	D CI	D Pi ient	%Rec 100 Client S repared Sample %Rec 101	Prep %Rec Limits 90 - 110 ample ID: I Prep Analyz 10/30/24 2 ID: Lab Co Prep %Rec Limits 90 - 110 Lab Contro	Type: S <u>RPD</u> 0 Method Type: S ed 21:10 Control S Type: S	Coluble RPD Limit 20 I Blank Soluble Dil Fac 1 Sample Soluble
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid	Sample Result 104	Quai MB Result	MB Qualifier	Added 249 Spike Added 250		Result 351.8 LCS Result 253.4	Qual MDL LCS Qual	Unit mg/Kg ifier	Unit mg/Kg	D CI	D Pi ient	%Rec 100 Client S repared Sample %Rec 101	Prep %Rec Limits 90 - 110 ample ID: I Prep Analyz 10/30/24 2 ID: Lab Co Prep %Rec Limits 90 - 110 Lab Contro Prep	Type: S RPD 0 Method Type: S ed 21:10 Type: S I Samp	Coluble RPD Limit 20 I Blank Soluble Dil Fac 1 Sample Soluble
Matrix: Solid Analysis Batch: 94425 Analyte Chloride Lab Sample ID: MB 880-94433/1-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCS 880-94433/2-A Matrix: Solid Analysis Batch: 94449 Analyte Chloride Lab Sample ID: LCSD 880-94433/3- Matrix: Solid	Sample Result 104	Quai MB Result	MB Qualifier	Added 249 		Result 351.8 LCS Result	Qual MDL LCS Qual	Unit mg/Kg ifier	Unit mg/Kg	D CI	D Pi ient	%Rec 100 Client S repared Sample %Rec 101	Prep %Rec Limits 90 - 110 ample ID: I Prep Analyz 10/30/24 2 ID: Lab Co Prep %Rec Limits 90 - 110 Lab Contro	Type: S RPD 0 Method Type: S ed 21:10 Type: S I Samp	Coluble RPD Limit 20 I Blank Soluble Dil Fac 1 Sample Soluble

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Project/Site: RED BULL 29 CTB 2

Client: NT Global

# **QC Sample Results**

Job ID: 890-7319-1 SDG: 248872

Method: 300.0 - Anions, Ion Chromatography

_ Lab Sample ID: 880-50438-A-	11-B MS							Client	Sample ID		-
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 94449											
	Sample	Sample	Spike	MS	6 MS				%Rec		
Analyte		Qualifier	Added	Resul	t Qualifier	Unit	D	%Rec	Limits		
Chloride	702	F1	253	937.2	2	mg/Kg		93	90 - 110		
- Lab Sample ID: 880-50438-A-	11-C MSD						Client S	Sample II	D: Matrix S	oike Duj	plicate
Matrix: Solid										Type: S	-
Analysis Batch: 94449											
	Sample	Sample	Spike	MSE	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Resul	t Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	702		253	894.1		mg/Kg		76	90 - 110	5	20
Lab Sample ID: MB 880-94544	4/1-A							Client	Sample ID:		
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 94588											
		MB MB									
Analyte	R	esult Qualifier		RL	MDL Unit		D	Prepared	Analyz	zed	Dil Fac
Chloride	<	<10.0 U		10.0	mg/k	٢g			11/01/24	12:31	1
- Lab Sample ID: LCS 880-9454	14/2-A						Clien	t Sample	e ID: Lab Co	ontrol S	ample
Matrix: Solid										Type: S	
Analysis Batch: 94588									Trop	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Analysis Daten. 54500			Spike	1.09	LCS				%Rec		
Analyte			Added		t Qualifier	Unit	D	%Rec	Limits		
Chloride			250	230.8		mg/Kg		92	90 - 110		
			200	200.0	,	ing/itg		52	50-110		
Lab Sample ID: LCSD 880-94	544/3-A					CI	ient Saı	mple ID:	Lab Contro	I Samp	le Dup
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 94588											
			Spike	LCSE	LCSD				%Rec		RPD
Analyte			Added	Resul	t Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	231.0	)	mg/Kg		92	90 - 110	0	20
_ Lab Sample ID: 880-50511-A-/	4-B MS							Client	Sample ID	: Matrix	Spike
Matrix: Solid										Type: S	
Analysis Batch: 94588									пер	Type. O	olubie
Analysis Datell. 34500	Sample	Sample	Spike	м	5 MS				%Rec		
Analyte	-	Qualifier	Added		t Qualifier	Unit	D	%Rec	Limits		
Chloride	420		251	655.7				94	90 - 110		
	420		201	000.1		mg/ng		<del>34</del>	30 - 110		
	4-C MSD						Client S	Sample II	D: Matrix S	oike Duj	plicate
Lab Sample ID: 880-50511-A-										Type: S	-
Lab Sample ID: 880-50511-A- Matrix: Solid											
Matrix: Solid										.,,	
		Sample	Spike	MSE	) MSD				%Rec	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	RPD
Matrix: Solid	Sample	Sample Qualifier	Spike Added		) MSD t Qualifier	Unit	D	%Rec	-	RPD	

# **QC Association Summary**

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

# 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	Ргер Туре	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	

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

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# **QC Association Summary**

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

# GC Semi VOA (Continued)

# Prep Batch: 94386 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method F	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	Ргер Туре	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

090-7319-2	V - 1	TOtal/INA	3010		94300	
MB 880-94386/1-A	Method Blank	Total/NA	Solid	8015B NM	94386	8
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	9
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	10
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	11
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
890-7319-1	V - 1	Total/NA	Solid	8015 NM		12
890-7319-2	V - 1	Total/NA	Solid	8015 NM		
890-7319-3	V - 1	Total/NA	Solid	8015 NM		4.2
Prep Batch: 94523						13

## Prep Batch: 94523

Lab Sample ID	Client Sample ID	Ргер Туре	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	
nalysis 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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SDG: 248872

5 6

Job ID: 890-7319-1

# **QC Association Summary**

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

# 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	DI Leach		
/IB 880-94433/1-A	Method Blank	Soluble	Solid	DI Leach		
CS 880-94433/2-A	Lab Control Sample	Soluble	Solid	DI Leach		
CSD 880-94433/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach		
30-50438-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach		
0 F0400 A 44 C MCD	Matrix Spike Duplicate	Soluble	Solid	DI Leach		
		Colubic				
alysis Batch: 94449	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
alysis Batch: 94449 ab Sample ID			<u>Matrix</u> Solid	<u>Method</u> 300.0	Prep Batch 94433	
ab Sample ID 90-7319-2	Client Sample ID	Ргер Туре				
nalysis Batch: 94449 Lab Sample ID 390-7319-2 VIB 880-94433/1-A	Client Sample ID	Prep Type Soluble	Solid	300.0	94433	
<b>Lab Sample ID</b> 390-7319-2 MB 880-94433/1-A LCS 880-94433/2-A	Client Sample ID V - 1 Method Blank	Prep Type Soluble Soluble	Solid Solid	300.0 300.0	94433	
B80-50438-A-11-C MSD           nalysis Batch: 94449           Lab Sample ID           B90-7319-2           MB 880-94433/1-A           LCS 880-94433/2-A           LCSD 880-94433/3-A           880-50438-A-11-B MS	Client Sample ID V - 1 Method Blank Lab Control Sample	Prep Type Soluble Soluble Soluble	Solid Solid Solid	300.0 300.0 300.0	94433 94433 94433 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	Ргер Туре	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

Page 118 of 176

5 6

Job ID: 890-7319-1 SDG: 248872

5 6

9

Job ID: 890-7319-1 SDG: 248872

# Lab Sample ID: 890-7319-1 Matrix: Solid

Lab Sample ID: 890-7319-2

Lab Sample ID: 890-7319-3

Matrix: Solid

Matrix: Solid

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

Client Sample ID: V - 1

Project/Site: RED BULL 29 CTB 2

Client: NT Global

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 10/29/24 00:00

Date Received: 10/29/24 16:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Collected: 10/29/24 00:00

# Date Received: 10/29/24 16:30

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			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	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	94538	10/31/24 17:35	ткс	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	СН	EET MID

#### Laboratory References:

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

Released to Imaging: 4/30/2025 1:45:05 PM

aratony Eurofina	Midland				
<b>coratory: Eurofins</b> ss otherwise noted, all analy	ytes for this laboratory were co	overed under each accredit	tation/certification below.		
thority	Progra	am	Identification Number	Expiration Date	
xas	NELAF		T104704400	06-30-25	-
The following analytes	are included in this report, bu	t the laboratory is not certifi	ied by the governing authority. This lis	st may include analytes	
	oes not offer certification.	2	, , , , , , , , , , , , , , , , , , , ,	, .	
Analysis Method	Prep Method	Matrix	Analyte		
8015 NM Total BTEX		Solid Solid	Total TPH Total BTEX		
		Solid			

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Project/Site: RED BULL 29 CTB 2

Client: NT Global

# 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 Refe	rences:		
ASTM = A	STM International		
EPA = US	Environmental Protection Agency		
SW846 = '	Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third E	dition November 1986 And Its Undates	

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

#### Laboratory References:

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

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Page 122 of 176

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

Job	ID: 890-7319-1
	SDG: 248872

ab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
90-7319-1	V - 1	Solid	10/29/24 00:00	10/29/24 16:30	6 - 6.5	_
90-7319-2	V - 1	Solid	10/29/24 00:00	10/29/24 16:30	7 - 7.5	
90-7319-3	V - 1	Solid	10/29/24 00:00	10/29/24 16:30	8 - 8.5	
						- 1

Manager: y Name: Number: Number: Number: Number: Number: Cocation 's Name: LE REC LE REC Custody Se Custody Se Cu				6 4						(		
Parage:         Ethn Sesure:         Open In Case / Sesure:         Open In				6302	1 10 CI	10/2			und	X		11-1
Manager     Ethan, Sessums     Bits is streament			Relinquished by: (Signa		ate/Time	D		Signature)		d )	(Signature)	Relinquished by:
Nome       Nork       Order Comments         Program:       UST/PST       PRP       Brownfields       RRC         State of Project:       Reporting: Level III       Level III       LPST/UST       IRRP         Deliverables:       EDD       ADaPT       Other:         ANALYSIS REQUEST       Preservati       Nome: NO         Godi Cool       Col: Cool       HCI: HC         H;S0;: H;       H;S0;: H;       NalsS;         B0,7319       Chain of Custody       Sample Col         B0,7319       Chain of Lustody       Sample Col		nces beyond the control viously negotiated.	contractors, it assigns standard ch losses are due to circumsta ms will be enforced unless pre-	the client if su zed. These ten	incurred by the ut not analyzed	r expenses to Xenco, b	r any losses o ple submitted	ny responsibility fo of \$5 for each sam	ball not assume a ball not assume a bject and a charge	pplied to each pro	iable only for the cost rge of \$85.00 will be a	of service. Xenco will be l of Xenco. A minimum cha
Manage:       Ethan Sessums       Ball to is eleven:       Jam Raley       Min Raley       Mont Order Commands         sex       200 W. McGarlos Stretel       Garlos and W.       Garlos and W.       Ball to is eleven:       Devon Energy Production Company       Final Stretel       Final Stretel       Final Stretel       Final Stretel       Final Stretel       Mont Order Commands         as:21P       Garlos and W.       66270       Enail Stretel       Address       Devon Energy Production Company       Parameter       Strete af Progen:       Parameter       Ball to is eleven:       Red Daniel       Nont Order Commands         Number       200 W. McGarlos Strete       Strete af Progen:       Devon Final Strete af Progen:       Parameter       Parameter       Resonand Leven in Danie       Nont Order Commands         Number       200 W. McGarlos Strete       Common Strete af Progen:       Devon Final Strete af Progen:       Devon Final Strete af Progen:       Parameter       Nont Order Commands         LERECEPT       Torge Bank       Velocitics       Garlos af and torgenerations       Code Cade											nal Comments:	Additio
Intrager       Ehan Sessums       Bill to an envent       Jm Rater       Jm Rater       Jm Rater       Manuelity       With Charles Company Address       Manuelity												
Marager         Ethan Sessurs         Balls, reserved         Jum Raley         Jum Raley         Min Raley         Min Raley         Marager         Min Raley         Min Raley<												
Marager       Ethan Sessums       Bill to stratement       Im Rafey       Im Rafey       Mon Rafey       Work Order Comments         as ZIP       Carlsbad MM, 6920       Company Name       Devon Energy Production Company       Personantis       Personatis       Person					_							
Manager:       Ethan Sessums       Bill to (if different)       Jim Ralley       Mont Data Frage       Work Order Comments         ny.kuane       VFG Environmental       Company Name       Davon Enrory Production Company       Program: USTPST [PRP ]brownfields [PRC         as: ZiP       Carlsbade NM, 68220       Enrol       City, State ZiP       Davon Enrory Production Company       State of Program: USTPST [PRP ]brownfields [PRC         Aumole:       Value       State of Program: USTPST [PRP ]brownfields [PRC       State of Program: USTPST [PRP ]brownfields [PRC       State of Program: USTPST [PRP ]brownfields [PRC         Name       Red Bull 29 CTB 2       Turn Around       Enail (essessums@production Company have)       State of Program: USTPST [PRP ]brownfields [PRC       State of Program: USTPST [PRP ]brownfields [PRC         Name       Kellan Smith       TAT starts the day reserved by the lab. If necewards the days the lab. If necewards the days moved by 430pm       State of Program: USTPST [PRP ]brownfields [PRC       Out Cool of Cool												
Manager         Ethan Sessums         Bill to id allevent         Jim Railev         Wind Railevent         Wind Railevent         Wind Railevent         Work Order Commanis           sz. ZIP         Galsbad NM, 88220         Commany Name         Davon Energy Production Company         Program: UST/PST   PRP         York Order Commanis           auz ZIP         Galsbad NM, 88220         Enail gesesums@intdobal.com         Frank         Buil 20 CTB 2         Tum Anound         Rect Daving Level II         Level III         Program: UST/PST   PRP         Program: UST/PST   PRP         Program: UST/PST   PRP         Diversite Company         Address:         Program: UST/PST   PRP         Program: UST/PST   PRP         Diversite Commanis         Rect Daving Level III         Level III         Enail         Sessums@intdobal.com         Tum Anound         Frank         Gals daving Value         Name:         Frank         Diversite EDD         Address:         Program: UST/PST   PRP         Diversite EDD         Address:         Diversite EDD         Concert         Presentati           Location         Lea         Comparture Reading:         C         Diversite Example         Diversite Example		Chain of Custody	890-7319 (	×	+	-	Grab	×		10/28/2024		V-1
Manager       Ethan Sessums       Bit lot if affinewert       Im Raley       Im Raley       Im Raley       Mont Company       Manager       Manager </td <td></td> <td></td> <td></td> <td>×</td> <td></td> <td></td> <td>Grab</td> <td>×</td> <td></td> <td>10/28/2024</td> <td></td> <td>V-1</td>				×			Grab	×		10/28/2024		V-1
Manager:       Ethan Sessums       Bill to infutment:       Um Railey       Um Railey       Manager:       Ethan Sessums       Work Order Comments         sy Manager:       NUGEs Street       Gompany Name:       Devon Energy Production Company       Program: UST/PST [PRP]       Brownfields [PRC]         aiz ZIP:       Carlsbad NM, 88220       Email gessums@ntglobal.com       Matrix Interviewel II [Devon Filegy]       Number:       249136       State of Project:       Reporting Level II [DeT/UST [PRP]]       Nome: No         Number:       249136       Southe       Interviewel by 430pm       Free       Nome: No       Nome: No       Nome: No       Nome: No       Nome: No       Nome: No       Corel Cool       Co				×	-	-	Grab	×		10/28/2024		V-1
Manager:       Ethan Sessums       Bill to: (reflecent)       Um Railey       Um Railey       Work Order Comments         gr. Manager:       Carlsbad NM, 862/0       Company Name:       Devon Energy Production Company       Program: USTPST [PRP ]brownfields [Rrc         aiz ZIP       Carlsbad NM, 862/0       Email       esessums@ntglobal.com       Program: USTPST [PRP ]brownfields [Rrc         aiz ZIP       Carlsbad NM, 862/0       Email       esessums@ntglobal.com       Reporting.Level II       Devon Energy Production Company         Name:       Red Bull 29 CTB 2       Turn Around       Feasil       esessums@ntglobal.com       Reporting.Level II       Devon Energy Production Company       Reporting.Level II       Devon Energy Production Company         Number       249136       Email       esessums@ntglobal.com       None: ND       Name:       Adapst       Adapst       None: ND       None: ND         Is Name:       Red Bull 29 CTB 2       Turn Around       Feasile       Feasile       None: ND       Color Cool         Nimber       249136       Turn Around       Feasile       Code       Mone: ND       Color Cool       None: ND         Is Reporting.Level II       Turn Around       Feasile       Code       Mone: ND       Color Cool       Cool: Cool         None: ND       <	Sample Comments					# of Cont				Date	Depth (ft bgs)	Sample Identification
Manager.       Ethan Sessums       Bill to: (r different)       Um Railey       Um Railey       Work Order Comments         gy.Name:       NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PSTPR       Work Order Comments         gy.Name:       Z09 W. McKay Street       Carlsbad NM, 88220       City, State ZIP:       Devon Energy Production Company       Program: UST/PSTPR       Im Railey         432-701-2159       Email:       gessums@ntglobal.com       Program: UST/PSTPR       Im Railey       Name!       Reporting Level II       Level II       Environmental         Name:       Red Bull 29 CTB 2       Tum Around       Im Railey       Veste of Project:       Reporting Level II       Level II       Delverables. EDD       ADaPT	NaOH+Ascorbic Acid: SAP(			_	Ch		5.2	3	Corrected Temp			Fotal Containers:
Manager, pr. Manager, pr. Manager, pr. Manager,       Ethan Sessums       Bill to: (r dimem)       Jim Railey       Mm Railey       Mm Railey       More Company       More Comments       More Com       More Com </td <td>Zn Acetate+NaOH: Zn</td> <td></td> <td></td> <td>B</td> <td>+</td> <td></td> <td>0</td> <td>)</td> <td>emperature Re</td> <td>(N/A</td> <td>Yes</td> <td>Sample Custody Sea</td>	Zn Acetate+NaOH: Zn			B	+		0	)	emperature Re	(N/A	Yes	Sample Custody Sea
Manager.       Ethan Sesums       Bill foi; if affreenty       Jim Ralley       Mim Ralley       More Rel       Work Order Comments         ny, Name:       NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PST [PRP ] Prownfields [RRP         s:       209 W. McKay Street       Crity, State ZIP:       Carlsbad NM, 88220       Email: esesums@ntglobal.com       Program: UST/PST [PRP ] Prownfields [RRP         ate ZIP:       Carlsbad NM, 88220       Email: esesums@ntglobal.com       State of Project::       Reporting: Level III [PST/UST ] PRP ] Prownfields [RRP         umber:       249136       Im Ralley       Code       Pres.       Address:       Pres.         l.cocation       Lea County, NM       Due Date:       Routine       Rel an Smith       TAT starts the day received by 4:30pm       Pres.       Address / B       H;PO4, HP         velinted:       ves. No       Themometer ID:       Ves. No       Wet los:       Ket velin:       H;PO4, HP       H;PO4, MABIS				TEX		P	2	1	Correction Factor	NIA	Yes	Cooler Custody Seals
Manager:       Ethan Sessums       Bill to: (if different)       Jim Ralley       Mim Ralley <th< td=""><td></td><td></td><td></td><td>802</td><td>-</td><td>arar</td><td>mac</td><td>-</td><td>hermometer ID</td><td></td><td>( Yes</td><td>Received Intact:</td></th<>				802	-	arar	mac	-	hermometer ID		( Yes	Received Intact:
Manager:       Ethan Sessums       Bill to: (if different)       Jim Railey       Mim Railey       More Set Set Set Set Set Set Set Set Set Se	H <sub>3</sub> PO <sub>4</sub> : HP			18		nete				b		SAMPLE RECEI
Manager:       Ethan Sessums       Bill to: (r rifferent)       Jim Railey       Wim Railey       Work Order Comments         ny Name:       NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PST \program: US				_	L-B	rs	4:30pm	ab, if received by		406179	21	PO #
Manager:       Ethan Sessums       Bill to: (if different)       Jim Railey       Mim Railey       More Railey       More Roution Company       Program: UST/PST       Work Order Comments       Northeids       RRC         ny Name:       209 W. McKay Street       209 W. McKay Street       Address:       Devon Energy Production Company       Program: UST/PST       Program:				_			vived by the	starts the day rece	TAT	an Smith	Kella	Sampler's Name:
Manager: Ethan Sessums Bill to: (if different) Jim Railey Wir Railey Work Order Comments   ny Name: NTG Environmental Company Name: Company Name: Devon Energy Production Company Program: UST/PST PRP brownfields RRC   s: 209 W. McKay Street Address: Address: Address: Program: UST/PST PRP brownfields RRC   ate ZIP: Carlsbad NM, 86220 City, State ZIP: City, State ZIP: Finall esessums@ntglobal.com   432-701-2159 Email esessums@ntglobal.com Deliverables: EDD ADaPT   Name: Red Bull 29 CTB 2 Turn Around Pres. ANALYSIS REQUEST   Number: 249136 I nourin Rush Pres.				_	_			Date:	Due	ounty, NM	Lea C	<sup>o</sup> roject Location
Manager:       Ethan Sessums       Bill to: (if uitherent)       Jim Railey       Jim Railey       Manager       Manager       MTG Environmental       Work Order Comments         ny Name:       NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PST [PRP ] Brownfields [RRC         s:       209 W. McKay Street       Address:       Address:       State of Project:         ate ZIP:       Carlsbad NM, 88220       City, State ZIP:       City, State ZIP:       Reporting: Level II [ Level II ] PST/UST [ PRP ]         432-701-2159       Email:       esessums@ntglobal.com       AnALYSIS REQUEST       Deliverables: EDD ] ADaPT ] Other:						Code	ush		R	49136	2	Project Number:
Manager.       Ethan Sessums       Bill to: (if different)       Jim Railey       Manager.       Manager.       MTG Environmental       Mork Order Comments         ny Name:       NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PST PRP provincids RRC         s:       209 W. McKay Street       Address:       Devon Energy Production Company       State of Project:         ate ZIP:       Carlsbad NM, 88220       City, State ZIP:       City, State ZIP:       Reporting: Level II       Level III       PST/UST       PRP         432-701-2159       Email:       essums@ntglobal.com       Deliverables: EDD       ADaPT       Other:	Preservative Codes	QUEST	ANALYSIS RE				bd	Turn Arour		II 29 CTB 2	Red Bu	Project Name:
Page 1         Ianager:       Ethan Sessums       Bill to: (if different)       Jim Railey       Work Order Comments         v Name:       NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PST PRP Brownfields RRC         209 W. McKay Street       Address:       Address:       State of Project:         21P:       Carlsbad NM, 88220       City, State ZIP:       City, State ZIP:		Deliverables: EDD				obal.com	ums@ntgl				432-701-2159	Phone:
Page 1         Manager:       Ethan Sessums       Bill to: (if different)       Jlim Ralley       Min Ralley       Work Order Comments         VName:       NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PST [PRP ] Brownfields [RRC         209 W. McKay Street       Address:       Address:       Im Ralley       State of Project:		Reporting:Level II Leve					tate ZIP:	City, S		1220	Carlsbad NM, 88	City, State ZIP:
Page 1         Ethan Sessums       Bill to: (If different)       Jim Railey       Work Order Comments         NTG Environmental       Company Name:       Devon Energy Production Company       Program: UST/PST PRP Brownfields RRC		State of Project:					SS:	Addres		treet	209 W. McKay S	Address:
Page 1 Ethan Sessums Bill to: (if different) Jim Railey Work Order Comments	Brownfields RRC	Program: UST/PST PR	1-	ergy Product	Devon Ene		any Name:	Compa		ntal	NTG Environme	Company Name:
Page 1	rk Order Comments	Wo			Jim Railey		(if different)	Bill to:			Ethan Sessums	Project Manager:
	 											(
TRONMENTAL											ENVIRONMENTAL	< _

# Received by OCD: 4/8/2025 8:00:45 AM

Page 123 of 176

13

Chain of Custody

Page 25 of 27

Released to Imaging: 4/30/2025 1:45:05 PM

# Login Sample Receipt Checklist

Client: NT Global

## Login Number: 7319 List Number: 1 Creator: Bruns, Shannon

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

Job Number: 890-7319-1

SDG Number: 248872 List Source: Eurofins Carlsbad

Job Number: 890-7319-1 SDG Number: 248872

List Source: Eurofins Midland

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

# Login Sample Receipt Checklist

Client: NT Global

Login Number: 7319 List Number: 2 Creator: Rodriguez, Leticia

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

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

14



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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: Received: 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 Shalyn Rodriguez Project Number: 249136--2ND SPILL Sample Received By:

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

Project Location:

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

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

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: Received: 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 Shalyn Rodriguez Project Number: 249136--2ND SPILL Sample Received By:

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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\*=Accredited Analyte

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Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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:	2491362ND SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY	Y, NM		

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

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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#### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
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:	2491362ND SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNT	Y, NM		

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

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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:	2491362ND SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNT	Y, NM		

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

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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\*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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:	2491362ND SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNT	Y, NM		

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

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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#### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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:	2491362ND SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNT	Y, NM		

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
Received:	02/14/2025		Sampling Date:	02/14/2025
Reported:	02/20/2025		Sampling Type:	Soil
Project Name:	RED BULL 29 CTB 2	1	Sampling Condition:	Cool & Intact
Project Number:	2491362ND SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNT	Y, NM		

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

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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#### \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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:	2491362ND SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY	Y, NM		

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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\*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

#### Cardinal Laboratories

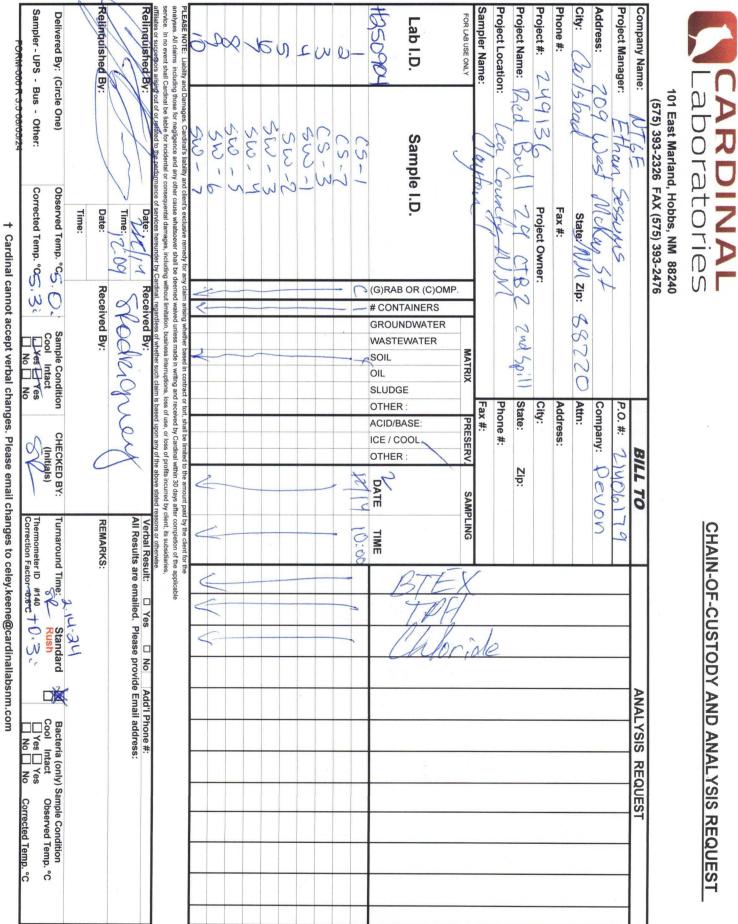
#### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Received by OCD: 4/8/2025 8:00:45 AM



# Page 138 of 176



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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



## Analytical Results For:

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

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

Project Location:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	160	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	0						

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\*=Accredited Analyte

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Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: Received: 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 Shalyn Rodriguez Project Number: 249136--1ST SPILL Sample Received By:

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 02/14/2025 Sampling Date: 02/14/2025

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:	2491361ST SPILL	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNTY, NM		

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	02/14/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



249136--1ST SPILL

DEVON LEA COUNTY, NM

Sample Received By:

Shalyn Rodriguez

## Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 02/14/2025 Sampling Date: 02/14/2025 02/20/2025 Sampling Type: Soil Project Name: RED BULL 29 CTB 2 Sampling Condition: Cool & Intact

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

Received:

Reported:

Project Number:

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	02/17/2025	ND	416	104	400	0.00	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.3	% 49.1-14	8						

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Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



		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:	2491361ST SPILL		Sample Received By:	Shalyn Rodriguez				
Project Location:	DEVON LEA COUNT	Y, NM						

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg/kg Anal		Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
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:	2491361ST SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNT	Y, NM		

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

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	02/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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:	2491361ST SPILL		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON LEA COUNT	Y, NM		

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



249136--1ST SPILL

DEVON LEA COUNTY, NM

Shalyn Rodriguez

Sample Received By:

### Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 02/14/2025 Sampling Date: 02/14/2025 02/20/2025 Sampling Type: Soil RED BULL 29 CTB 2 Sampling Condition: Cool & Intact

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

Received:

Reported:

Project Name:

Project Number:

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21200	16.0	02/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

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### \*=Accredited Analyte

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



DEVON LEA COUNTY, NM

### Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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:	2491361ST SPILL		Sample Received By:	Shalyn Rodriguez

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

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	02/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

# Received by OCD: 4/8/2025 8:00:45 AM

bsnm.com	Cardinal cannot accept verbal changes. Please email changes to celev.keene@cardinallabsnm.com	t verbal changes. Please email ch	+ Cardinal cannot accep	FORM-000 R 3.3 06/03/24
Bacteria (only) Sample Condition	Turnaround Time: J <sup>+</sup> Standard Rush Thermometer ID #140 + O'-3 L	Sample Condition CHECKED BY: Cool Intact Cool Intact Cool Intact (Initials)	Observed Temp. °C 5、0 { Cool Corrected Temp. °C スンロン	Delivered By: (Circle One) Sampler - UPS - Bus - Other:
	Series Series		Time:	
	REMARKS:		Date: Received By:	Relinquished By:
de Email address:	emailed. Plea	deignund	Time: 17:07 SV	venindravent
Add'l Phone #:	easons or otherwise.	ether such claim is based upon any of the above stated re	the performance of services hereunder by Cardinal, regardless of with the performance of services hereunder by Cardinal, regardless of with	affiliates or successors arising out of or related to the Roling uishood Rv.
	er completion of the applicable client, its subsidiaries,	hade in writing and received by Cardinal within 30 days after so interruptions, loss of use, or loss of profits incurred by i	PLEASE MUTE: Labiting and Utamages, Cardinals allowing and cleants exclusive transport and using intervence of using and using and using an expert of the applicable analyses. All claims including those for negligence and any other cause whatsbeever shall be deemed valved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	PLEASE NOTE: Liability and Damages. Cardinal's lia analyses. All claims including those for negligence ar service. In no event shall Cardinal be liable for incider
	by the client for the	heread in contract or fort shall be limited to the amount na	hills, and dian <sup>g</sup> n evolution remody for any claim origins whether	PI FAOF NOTE. I inhibit and Downard Condinal's lin
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	El Fl		S	
	SAMPLING	ESERV.		FOR LAB USE ONLY
/	le	Fax #:	Dugo	Sampler Name: Cla
		Phone #:	County, NM	Project Location:
		Spill State: Zip:	Bull 29 CTB 2 1st :	Project Name: Red B
		Ov City:	Project Owner: Devon	Project #: 249136
		Address:	Fax #:	Phone #:
		20 Attn:	State: N/M Zip: 887	city: Carlsbad
	even	Company: Dev	McKan St.	Address: 209 West
	76	P.O. #: 2140617	Sessims,	Project Manager: Ethon
ANALYSIS REQUEST		BILL TO	T.	Company Name: NT6
			101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	101 East Marlanc (575) 393-2326
			ratories	Labor
CHAIN OF CHRTODY AND ANALYSIS BEOHEST			DINAL	CAR

Page 150 of 176

Released to Imaging: 4/30/2025 1:45:05 PM\_\_\_\_\_



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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



DEVON LEA COUNTY, NM

### Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:					
Received:	03/05/2025	Samı	pling Date:	03/05/2025			
Reported:	03/11/2025	Sam	pling Type:	Soil			
Project Name:	RED BULL 29 CTB 2	Sam	pling Condition:	Cool & Intact			
Project Number:	249136 - SPILL 1	Samı	ple Received By:	Tamara Oldaker			

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

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	03/06/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.1	% 40.6-15	2						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	SUITE C	
		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 COUNT	Y, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	03/06/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7	NTG ENVIRONMENTAL THAN SESSUMS '01 TRADEWINDS BLVD. SL MDLAND TX, 79706	VITE C	
		1		
	Fa	ax 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, N	NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	03/06/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.2	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7	NTG ENVIRONMENTAL THAN SESSUMS '01 TRADEWINDS BLVD. SL MDLAND TX, 79706	VITE C	
		1		
	Fa	ax 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, N	NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/06/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.5	% 40.6-15	3						

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Celey D. Keene, Lab Director/Quality Manager



	E 7	NTG ENVIRONMENTAL THAN SESSUMS '01 TRADEWINDS BLVD. SL MDLAND TX, 79706	VITE C	
		1		
	Fa	ax 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, N	NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/06/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.5	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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	ζ, ΝΜ		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9730	16.0	03/06/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.3	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7	NTG ENVIRONMENTAL THAN SESSUMS '01 TRADEWINDS BLVD. SL MDLAND TX, 79706	VITE C	
		1		
	Fa	ax 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, N	NM		

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

BTEX 8021B	mg/	′kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	03/06/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.3	% 40.6-15	3						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7	NTG ENVIRONMENTAL THAN SESSUMS '01 TRADEWINDS BLVD. SL MDLAND TX, 79706	VITE C	
		1		
	Fa	ax 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, N	NM		

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

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	03/06/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.9	% 40.6-15	3						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706	SUITE C	
		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 COUNT	Y, NM		

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

BTEX 8021B	mg/	'kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.6	% 40.6-15	3						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	E 7	NTG ENVIRONMENTAL THAN SESSUMS '01 TRADEWINDS BLVD. SL MDLAND TX, 79706	VITE C	
		1		
	Fa	ax 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, N	NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.4	% 40.6-15	3						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
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	Y, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/06/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.5	% 40.6-15	3						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

101 Ea (575)	Labo
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	
, Hobbs, N FAX (575) ;	<b>DIN</b>
M 88240 393-2476	ies

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinguished By:	Keiniquisned by:	analyses. All claims including those for negligence and any o service. In no event shall Cardinal be liable for incidental or c affiliates or successors arising out of or related to the perform	5 PLEASE NOTE: Liability and Damages	- 0	ol.	10	20	10	n.	el		H251300	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #: 249136	Phone #:	city: Contstand	Address: 304	Project Manager:	Company Name:
Observed Temp. °C Corrected Temp. °C	Date: Time:	uare 3/5/25 Time: 1/4/5	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardises of whether such claim is based upon any of the above stated reasons or otherwise.	bes. 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	3 - 3.51	13.6-6		12.4-4 C-VC	3-3.51	2-2.51	1-1-1	1-1 0-6 "		Sample I.D.		Kunny Haun	here to , N.M.	Red Bull ag CTB	36 Project Owner:	Fax #:	State: Kind	Uck	Ethan Sessini	UTZ-E
3.7 Sample Cóndition Cool Intact 40 Yes Yes No No No	Received By:	Received by:	se whatsoever shall be deemed walved unless made in writing and received by Card Intal damages, including without limitation, business interruptions, loss of use, or loss services hereunder by Cardinal, regardless of whether such claim is based upon any services hereunder by Cardinal, regardless of whether such claim is based upon any	ry claim arising whether based in contract or tort,					×			4	(G)RAB # CONT, GROUN WASTEV SOIL OIL SLUDGE OTHER	AINERS DWATEI WATER		Fax #:		01	r: Deven city:	Ad	Zip: 86330 Att	Co	P.C	
CHECKED BY: Tur (Initials) The Con	RE	Alla Lay	ved by Cardinal within 30 days after com use, or loss of profits incurred by client, i ad upon any of the above stated reasons	shall be limited to the amount paid by the									ACID/BA ICE / CO OTHER DATE	OL T	PRESERV. SAMPLING		Phone #:	ite: Zip:	y:	Address:	Attn: Jim Palcy	Company: Haven	92190hlt #: 51406128	BILL TO
Turnaround Time:     Standard     Bacteria (only) Sample Condition       Rush     Cool     Infact     Observed Temp. °C       Thermometer ID     #140     Yes     Yes       Correction Factor +0.3°C     No     No     Corrected Temp. °C	REMARKS:	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:		the client for the									TIME	BTI	ΞX					×				ANALYSIS REQUEST

Page 15 of 16

Page 165 of 176

**Released to Imaging: 4/30/2025 1:45:05 PM** 

# oratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Iger: Ethern Sessions	101 ager: (5	East Marian 175) 393-232 レート	101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 . りてらた . ににていていていていていていていていていていていていていていていていていていて	393-2476
	Ş	100	11. 1.	P

Project Manager:	Ethoun	Semans		P.O. #: 214061	al		
Address: 204	ι U	Michay St	r vin: Skanat	Company: Acron			
le #:		Fax #:					
	249136	Project Owner:	1er:	City:			
ame:	Red bull	29 CTB	2 Spill 2	State: Zip:			
n	heu	NN.	-	Phone #:			
Sampler Name:	lumu	Hann		Fax #:			
FOR LAB USE ONLY	- 1		MATRIX	PRESERV. SAI	SAMPLING	e	
			ERS ATER		Ex	PH	
Lab I.D.	Sample I.D.	e I.D.	G)RAB OR ¢ CONTAIN GROUNDW WASTEWA GOIL DIL	BLUDGE DTHER : ACID/BASE CE / COOL DTHER : DTHER :	TIME	T Cl	
11 molent	DH-1	0-6"	* * () × :				
12	C-HO	0-6"	x Z	4-'	4		
						-	
PLEASE NOTE: Liability and	Damages. Cardinal's liability	add allandla scool organol					
analyses. All claims including service. In no event shall Carr affiliates or successors arising	ding those for negligence and any Cardinal be liable for incidental or sing out of or related to the perfor	and client's exclusive retriedy	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	ract or tort, shall be imited to the amount	and by the client for the		
hed E		r other cause whatsoever shall consequental damages, inclu mance of services hereunder	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 sarvice. In no event shall Cardinal biable for incidental or consequental damages, including without limitation, business interruptors, loss of use, or loss of profits incurred by client, is subsidiaries, affiliates or successors arising out of tor related reasons or otherwise.	arising whether based in contract or tort, shall be limited to the amount p waved unless made in writing and received by Cardinal within 30 rates limitation, business interruptions, loss of use, or loss of profits inclureds a limitation subsides upon any of the above stated	pplicabl		
Relinquished By:		r differ cause whatsover issued by or of the cause whatsover issued by the cause whatsover issued by the cause whatsover issued to the cause whatsover issued to the cause what is the cause of the caus	Cardinal, regardless of whether based in contribution without limitation, business interruption by Cardinal, regardless of whether such days     Received BY:	and received by Cardinal within 30 days, or loss of use, or loss of ports incurred to the above state aim is based upon any of the above state	re em	e ailed. Please provi	Add'l Phone #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	rcle One)	rother cause whatswer tennevy rconsequental damages, inclu- mance of services hereunder Date: Time: Udte: Date:	Received By:	ract or tort, shall be limited to the amount and received by Cardinal within 30 days a ms, loss of use, or loss of profits incurred 1 aim is based upon any of the above state	All Results are ema	Iled. Please provi	Add"I Phone #:

Page 166 of 176



.



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 http://www.ntgenvironmental.com/



From: Ethan Sessums <ESessums@ntglobal.com> Sent: Wednesday, April 30, 2025 1:00 PM To: Kenny Han <KHan@ntglobal.com> Subject: FW: [EXTERNAL] Re: NAPP245541702 RED BULL 29 CTB 2

### Ethan Sessums

Jr. Field Ops Manager | NTG Environmental M:432-701-2159 P:254-266-5456 <u>lesessums@ntglobal.com</u> 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 <<u>Shelly, Wells@emnrd.nm.gov</u>> Cc: Kenny Han <<u>KHan@mtglobal.com</u>> 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 <u>lesessums@ntglobal.com</u> 209 West McKay St. Carlsbad NM, 88220



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 From: Wells, Shelly, EMNRD <<u>Shelly, Wells@emnrd.nm.gov</u>>

 Sent: Tuesday, December 10, 2024 3:08 PM

 To: Ethan Sessums <<u>ESessums@ntglobal.com</u>>

 Cc: Kenny Han <<u>KHan@ntglobal.com</u>>

 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 <<u>ESessums@ntglobal.com</u>> Sent: Tuesday, December 10, 2024 3:00 PM To: Wells, Shelly, EMNRD <<u>Shelly, Wells@emrrd.nm.gov</u>> C:: Kenny Han <u><<u>Klan@ntglobal.com</u>> Subject: RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2</u>

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 <u>esessums@ntglobal.com</u> 209 West McKay St. Carlshad NM, 88220



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From: Wells, Shelly, EMNRD <<u>Shelly, Wells@emnrd.nm.gov</u>> Sent: Tuesday, December 10, 2024 2:50 PM To: Ethan Sessums <<u>ESessums@ntglobal.com</u>> Cc: Kenny Han <<u>KHan@ntglobal.com</u>> Subject: RE: [EXTENAL] 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

Shelty Wells \* Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520|Shelty.Wells@emmrd.mm.gov http://www.emmrd.state.nm.us/OCD/

From: Ethan Sessums <<u>ESessums@ntglobal.com</u>> Sent: Tuesday, December 10, 2024 2:07 PM To: Wells, Shelly, EMNRD <<u>Shelly, Wells@emnrd.nm.gov</u>> Cc: Kenny Han <<u>KHan@ntglobal.com</u>> Subject: RE: [EXTERNALI 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 <u>lesessums@ntglobal.com</u> 209 West McKav St. Carlsbad NM. 88220



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From: Wells, Shelly, EMNRD <<u>Shelly, Wells@emnrd.nm.gox</u>> Sent: Tuesday, December 10, 2024 10:56 AM To: Ethan Sessums <<u>ESessums@ntglobal.com</u>> Subject: RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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Okay sounds good Ethan!

From: Ethan Sessums <<u>ESessums@ntglobal.com</u>> Sent: Tuesday, December 10, 2024 10:20 AM To: Wells, Shelly, EMIRD <<u>Shelly, Wells@emnrd.nm.gov</u>> Subject: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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

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 <<u>Shelly, Wells@emnrd.nm.gov</u>> Sent: Tuesday, December 10, 2024 10:17:37 AM To: Ethan Sessums <<u>ESsesums@ntglobal.com</u>> Subject: NAPP2425341702 RED BULL 29 CTB 2

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Hi Ethan,



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@emmrd.mm.gov http://www.emmrd.state.nm.us/OCD/

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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

Page 170 of 176

QUESTIONS

Action 449468

	UES		NS	
_ Q(	UES	IIU	UNO -	

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	449468
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

### QUESTIONS

nAPP2425341702
NAPP2425341702 RED BULL 29 CTB 2 @ 0
Produced Water Release
Deferral Request Received
[fAPP2122855592] RED BULL 29 CTB 2

### Location of Release Source

Please answer all the questions in this group.	
Site Name	RED BULL 29 CTB 2
Date Release Discovered	09/07/2024

Date Release Discovered	09/07/2024
Surface Owner	Federal

### Incident Details

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

### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	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 spiled onto pad.

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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

Page 171 of 176

Action 449468

QUESTIONS	(continued)	
QUED HONO	oon an aca,	

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	449468
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)		
No, according to supplied volumes this does not appear to be a "gas only" report.		
No		
Unavailable.		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remedi	Not answered. ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of	
actions to date in the follow-up C-141 submission. If remedial efforts have been successfully complet Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of	
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	

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

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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
What is the minimum distance, between the closest lateral extents of the release an	nd the following surface areas:
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		
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination a	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	No		
Soil Contamination Sampling: (Provide the highest observable value for each, in millig	grams 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 e which includes the anticipated timelines for beginning and completing the remediation.	fforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,		
On what estimated date will the remediation commence	01/06/2025		
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 to			

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.

Action 449468

Page 172 of 176

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

QUESTIONS, Page 4

Page 173 of 176

Action 449468

QUESTIONS (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	449468	
	Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	

### QUESTIONS

Remediation Plan (continued)

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef- which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com

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.

Date: 04/08/2025

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

QUESTIONS, Page 5

Page 174 of 176

Action 449468

**QUESTIONS** (continued)

Operator:	OGRID:	1
DEVON ENERGY PRODUCTION COMPANY, LP	6137	l
333 West Sheridan Ave.	Action Number:	i.
Oklahoma City, OK 73102	449468	l
	Action Type:	l
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	

### QUESTIONS

Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each o	f the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	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	
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 wh the well or facility is plugged or abandoned, whichever comes first.		
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	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/08/2025	

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

QUESTIONS (continued)

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	449468	
	Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	430867	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/14/2025	
What was the (estimated) number of samples that were to be gathered	30	
What was the sampling surface area in square feet	1400	

### **Remediation Closure Request**

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

QUESTIONS, Page 6

Action 449468

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CONDITIONS

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

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	449468
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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

Action 449468