



209 W. McKay Street
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December 6, 2024

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

Re: Site Characterization and Remediation Work Plan
Devon Energy Production 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 Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for release numbers: nAPP2425341702 & nAPP2426476658– Red Bull 29 CTB 2 (Site). The Site is in Unit Letter N, Section 29, of Township 23 South and Range 35 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.26943° N latitude and 103.39078° W longitude. The site location with respect to the nearest town is shown on Figure 1 and the topography of the area is shown on Figure 2.

Background

Release Incident ID: nAPP2425341702

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

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Release Incident ID: nAPP2426476658

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

Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water well (CP-00614 POD-2) within a ½-mile radius of the Site with a recorded groundwater depth of three-hundred and twenty (320) feet below ground surface (ft bgs). No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	320

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release >4ft	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
19.15.29.13 Restoration, Reclamation and Re-Vegetation (<4ft)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg

Notes:
 --- = not defined

Initial Soil Delineation Assessment Summary and Findings

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



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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 and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (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. 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) 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, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (method SM4500Cl-B). Analytical results indicated chloride concentrations were above NMOCD standards for V-1 from surface to six and a half (6.5) ft bgs, and V-2 from surface to three and half (3.5) ft bgs. Additionally, TPH concentrations were above NMOCD standards for V-1 at surface to half a foot (0-0.5) ft bgs. All other analytes were below NMOCD standards.

Analytical results are included in Table 1 for the two releases, while soil boring locations are shown on Figure 3 & Figure 3A. The laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Proposed Work Plan

After receiving and evaluating the soil boring data, for release incident ID nAPP2425341702, which occurred on September 7, 2024, NTGE proposes 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. Approximately 71 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown on Figure 4. The area of V-2 will be deferred due to on-site equipment and piping as outlined on Figure 4.

After receiving and evaluating the soil boring data, for release incident ID nAPP2426476658, which occurred on September 20, 2024, NTGE proposes 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. Approximately 64 cubic yards of impacted material will be excavated and

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transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown in Figure 4A. The remaining impacts in the area of V-1 will be deferred as outlined on Figure 4A due to on-site equipment and piping.

Upon completion of the excavation, confirmation samples will be taken with 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. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl -B. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table I Closure Criteria.

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

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

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

TABLE

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC					
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Vertical Delineation Samples													
V-1	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	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
	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
V-2	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	7,900
	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
	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
	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	
V-3	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	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
	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
	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	
Horizontal Delineation Samples													
H-1	9/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	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)
 3. Bold indicates Analyte Detected
 4. BTEX analyses by EPA Method SW 8021B
 SP-1 Sample Point Excavated

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

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

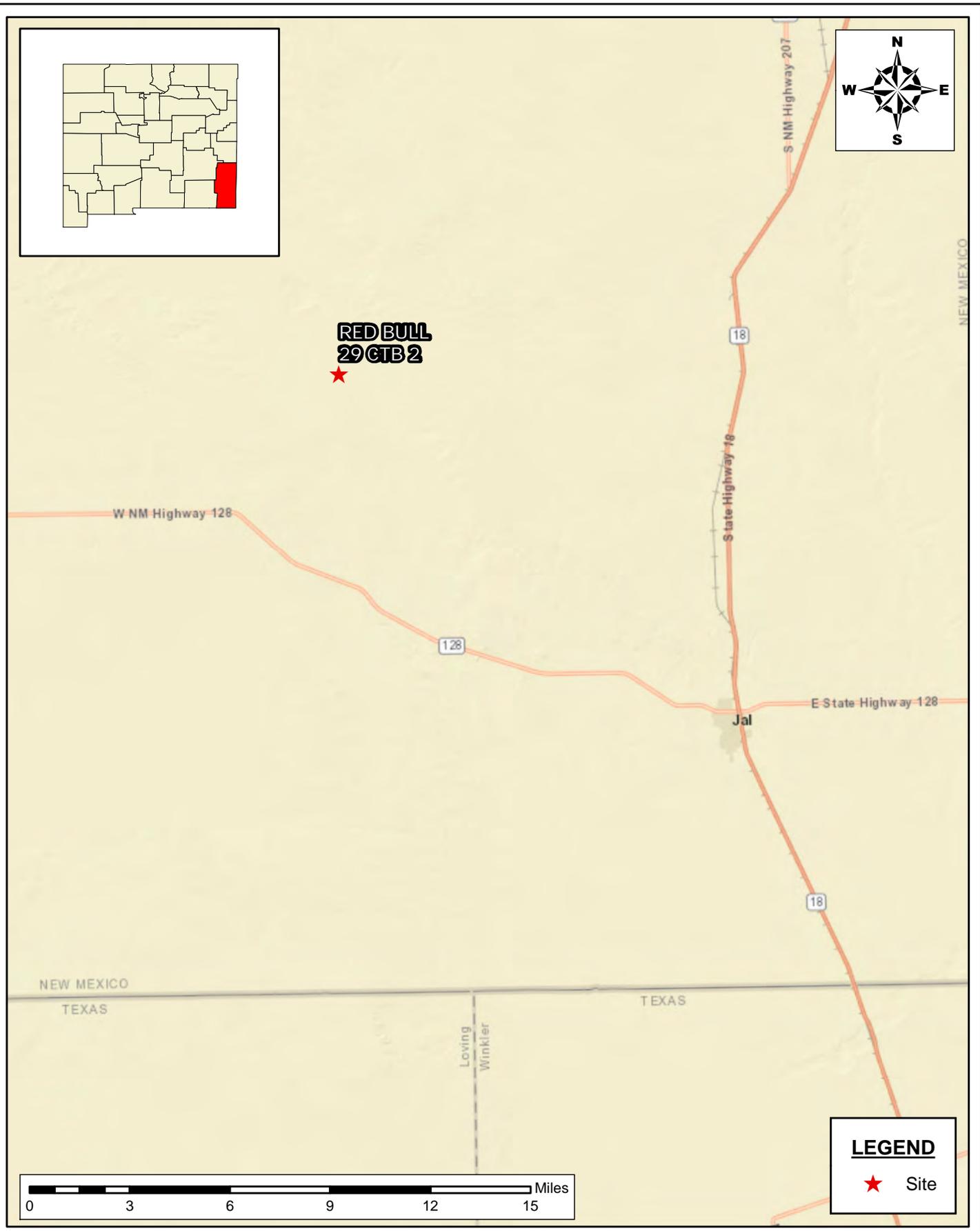
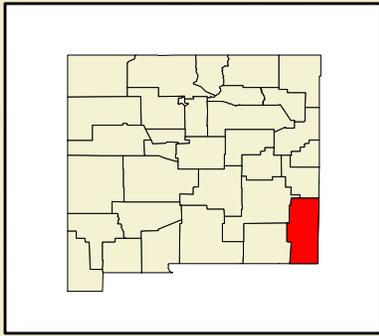
Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC					
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	1000 mg/kg	20,000 mg/kg
Vertical Delineation Samples													
V-1	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	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
	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	
V-2	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	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
	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
Horizontal Delineation Samples													
H-1	9/24/2024	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	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

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

SP 1 Sample Point Excavated

FIGURES

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★ Site

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

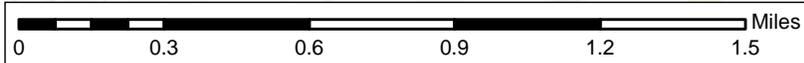
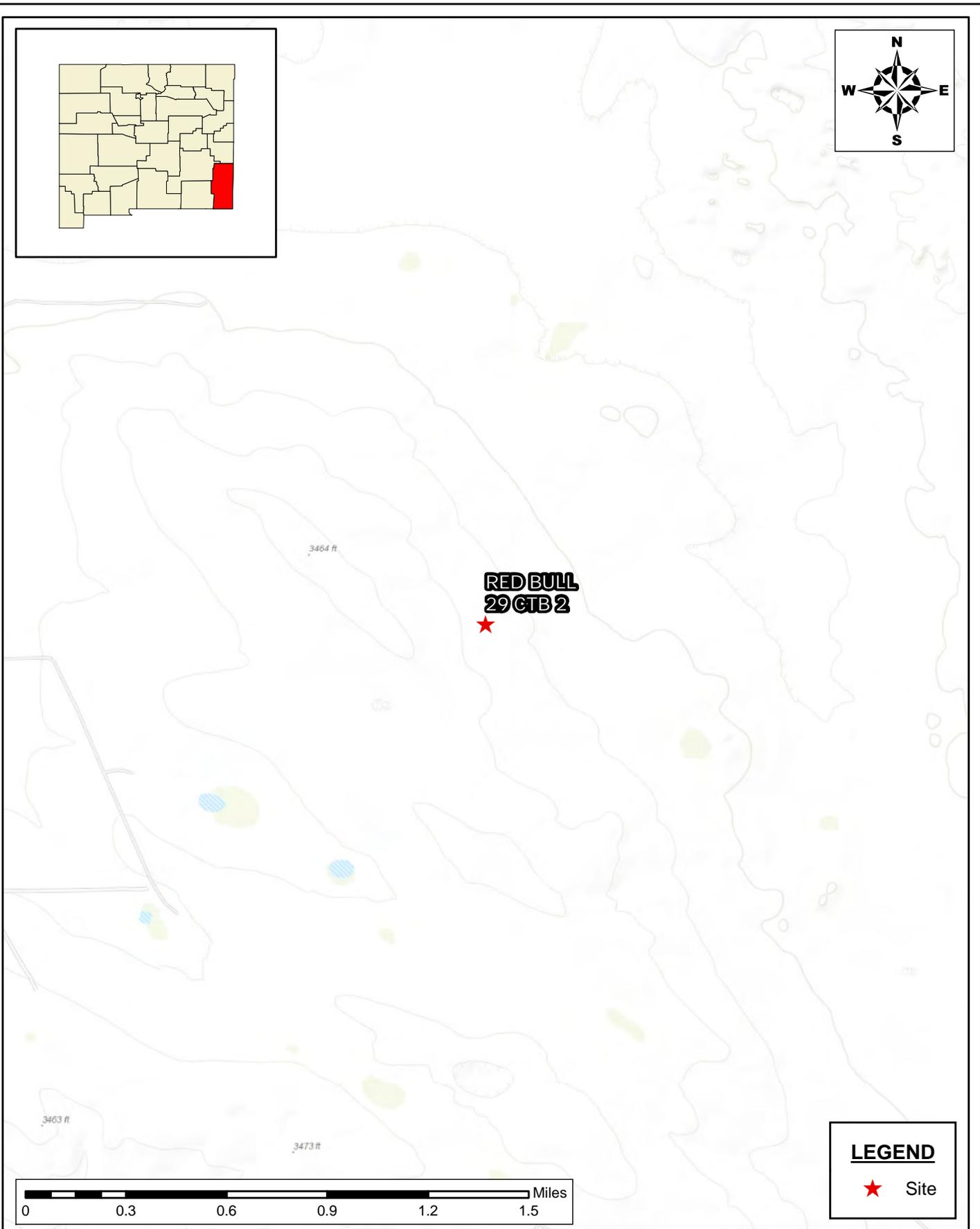
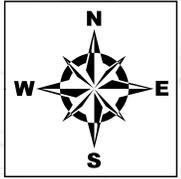
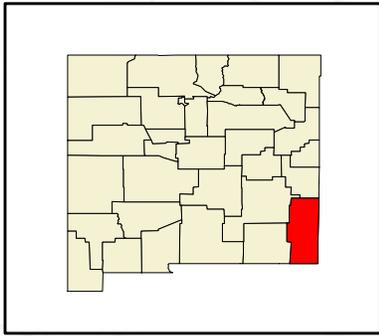

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 Houston, Texas 77060
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 F - 281.872.4521
 Web: www.ntgenvironmental.com

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

DRAWING NUMBER:
FIGURE 1
 SHEET NUMBER:
1 of 1

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

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★ Site

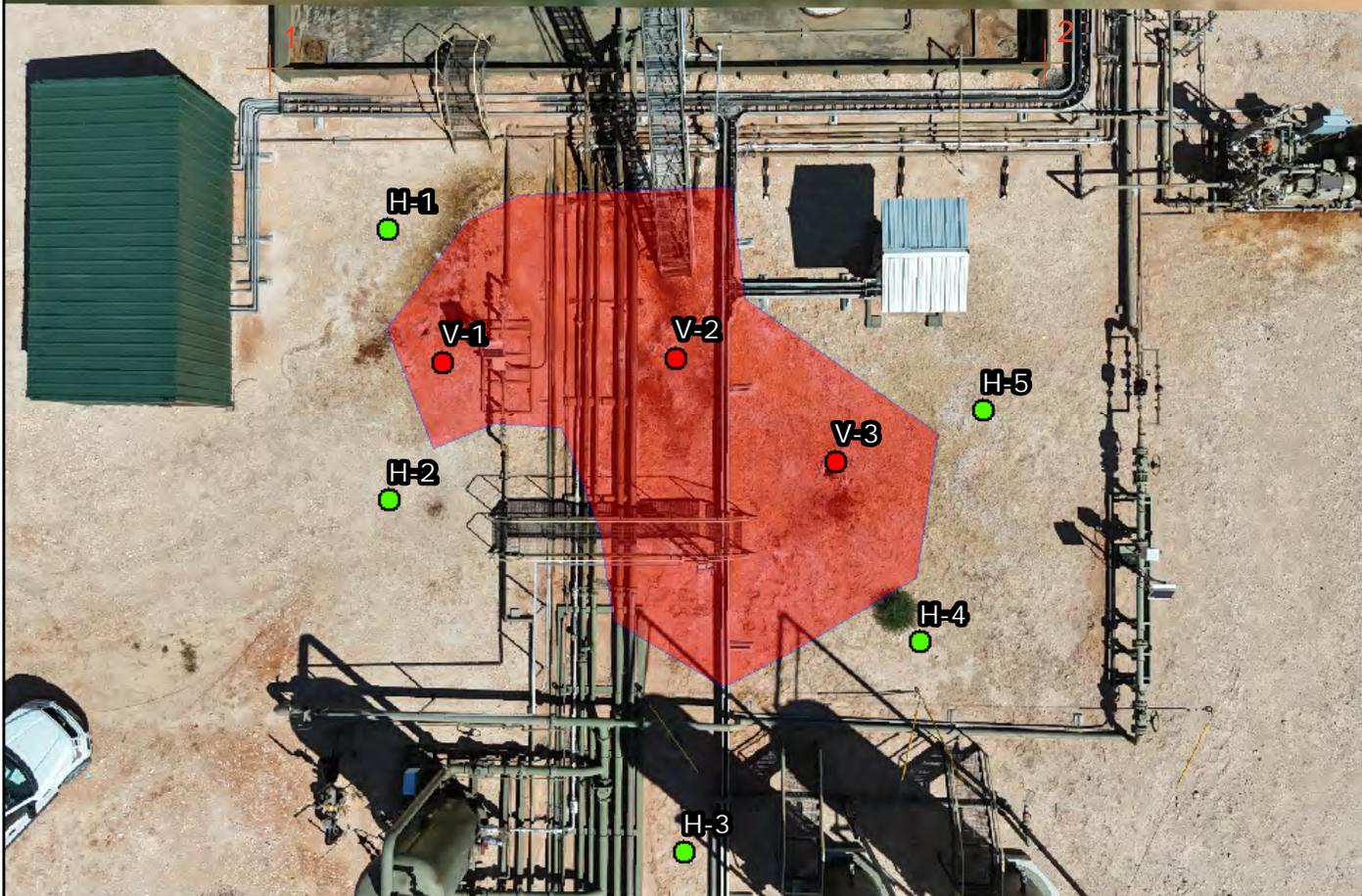
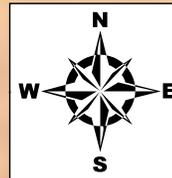
TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION CORPORATION
 RED BULL 29 CTB 2
 LEA COUNTY, NEW MEXICO

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


 New Tech Global Environmental, LLC
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 Web: www.ntgenvironmental.com

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

DRAWING NUMBER:
FIGURE 2
 SHEET NUMBER:
1 of 1



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

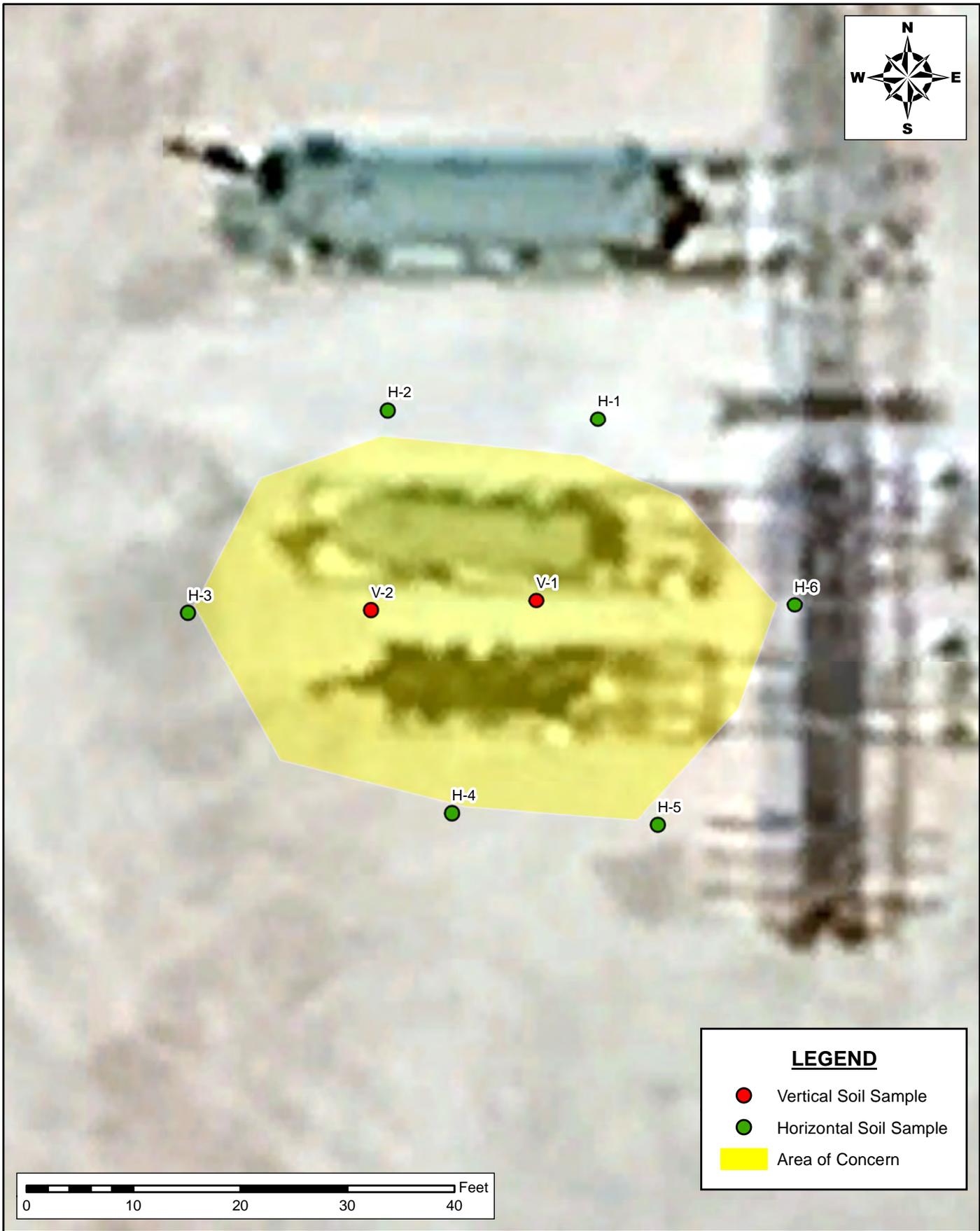
INITIAL ASSESSMENT MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION CORPORATION
 RED BULL 29 CTB 2 (nAPP2425341702)
 LEA COUNTY, NEW MEXICO


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

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

DRAWING NUMBER:
FIGURE 3
 SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntg\gis\New_Tech_Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\NRSC\249027 - Shetland 11 CTB 117- Figures\GIS\Figure_3 IA_2.mxd



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

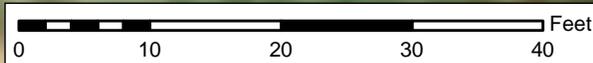
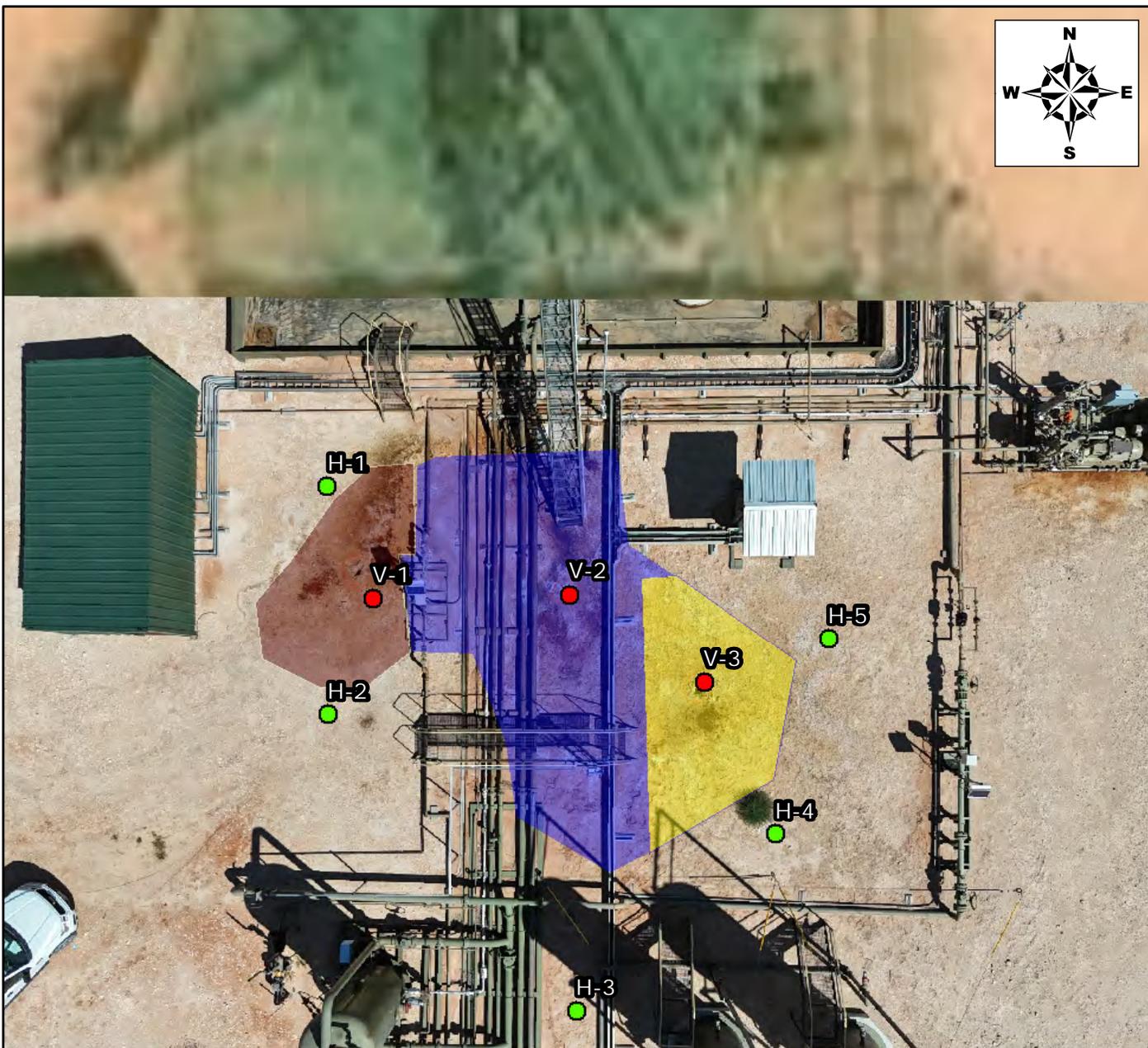

New Tech Global Environmental, LLC
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NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

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

SCALE: As Shown Date: 11/11/2024 PROJECT #:249136

Document Path: C:\Users\ntg\gis\New_Tech_Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\IRSC\249136 - Red Bull 29 CTB 2\7 - Figures\GIS\Figure_4_PEM.mxd



LEGEND

- Vertical Delineation Point
- Horizontal Delineation Point
- Deferral Area
- 3ft Excavation
- 4ft Excavation

PROPOSED EXCAVATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION CORPORATION
 RED BULL 29 CTB 2 (nAPP2425341702)
 LEA COUNTY, NEW MEXICO

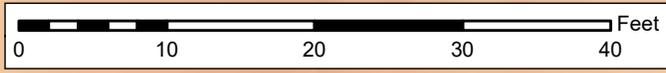
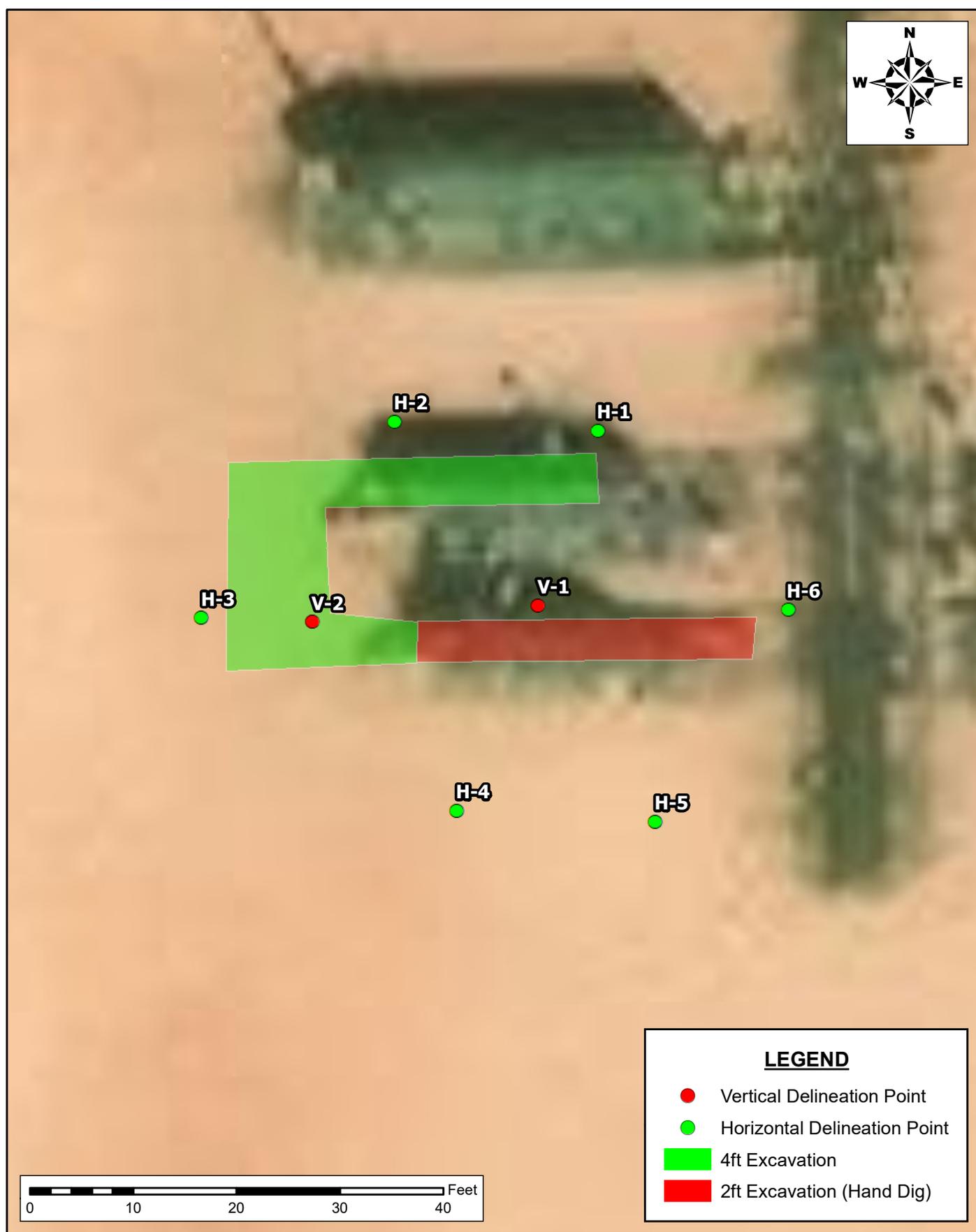
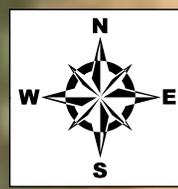
NTG
 New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

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

DRAWING NUMBER:
FIGURE 4
 SHEET NUMBER:
1 of 1

SCALE: As Shown Date: 9/19/2024 PROJECT #:249136

Document Path: C:\Users\ntgeg\Documents\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\IRSC\249136 - Red Bull 29 CTB 2\7 - Figures\GIS\Figure_4_PEM spill 2.mxd



LEGEND

- Vertical Delineation Point
- Horizontal Delineation Point
- 4ft Excavation
- 2ft Excavation (Hand Dig)

PROPOSED EXCAVATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORK PLAN
DEVON ENERGY PRODUCTION CORPORATION
 RED BULL 29 CTB 2 (nAPP2426476658)
 LEA COUNTY, NEW MEXICO


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

NOTES:

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

DRAWING NUMBER:
FIGURE 4A
 SHEET NUMBER:
1 of 1

Proposed Excavation Map

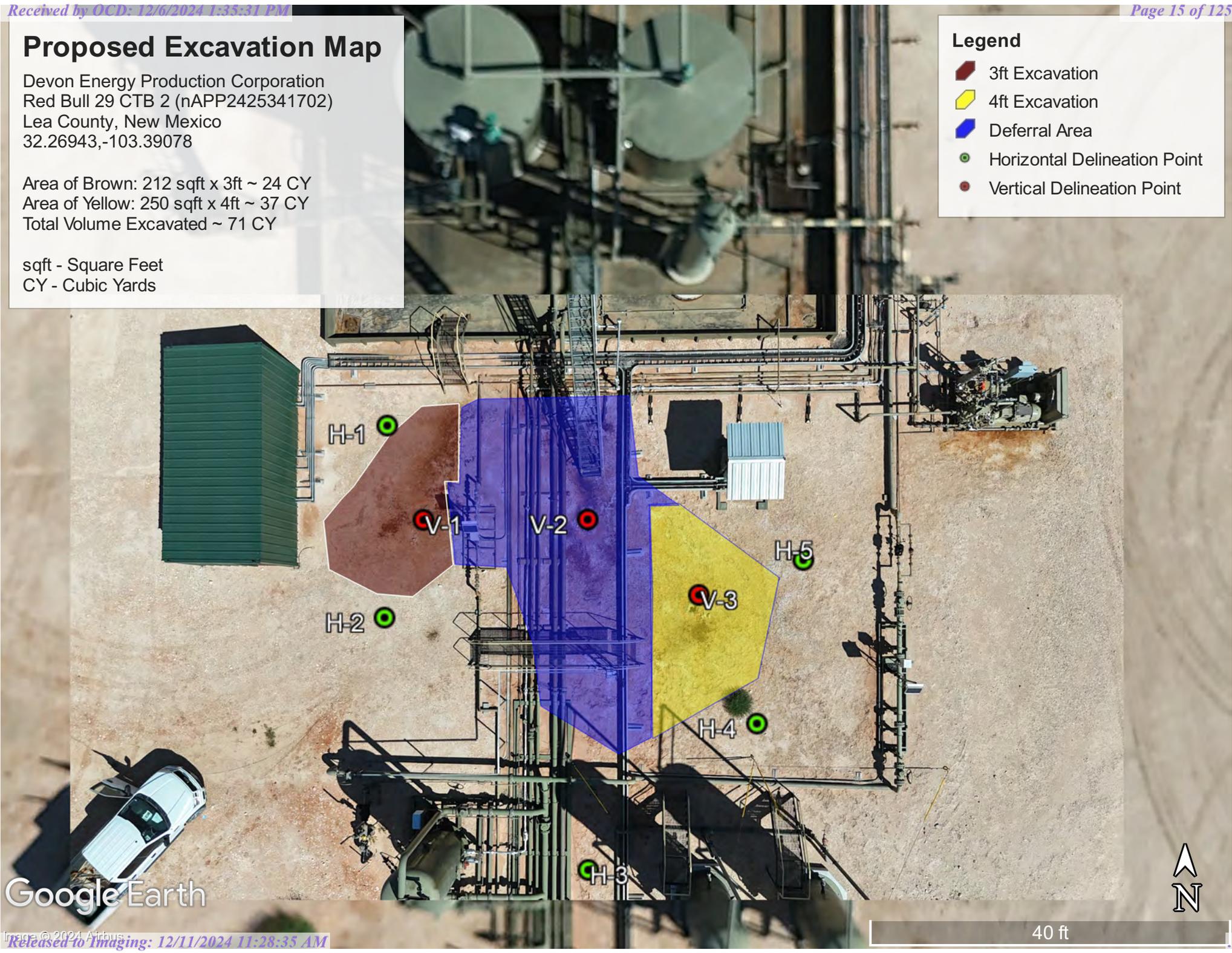
Devon Energy Production Corporation
Red Bull 29 CTB 2 (nAPP2425341702)
Lea County, New Mexico
32.26943,-103.39078

Area of Brown: 212 sqft x 3ft ~ 24 CY
Area of Yellow: 250 sqft x 4ft ~ 37 CY
Total Volume Excavated ~ 71 CY

sqft - Square Feet
CY - Cubic Yards

Legend

-  3ft Excavation
-  4ft Excavation
-  Deferral Area
-  Horizontal Delineation Point
-  Vertical Delineation Point



Google Earth



Proposed Excavation Map

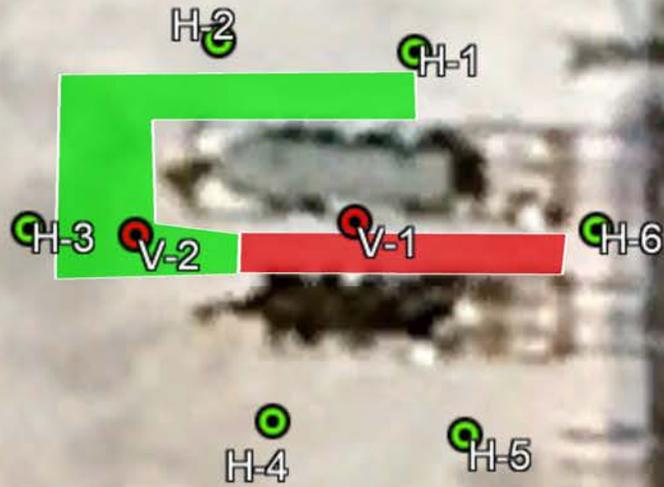
Devon Energy Production Corporation Red
Bull 29 CTB 2 (nAPP2426476658)
Lea County, New Mexico
32.26943,-103.39078

Area of Green: 367 sqft x 4ft ~ 54 CY
Area of Red: 131 sqft x 2ft ~ 10 CY
Total excavated volume ~ 64 CY

sqft - Square Feet
CY - Cubic Yards

Legend

-  2ft (hand dig)
-  4ft Excavation
-  Horizontal Sample Point
-  Vertical Sample Point



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

* - numerical limit or background, whichever is greater

OCD Well Locations



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

Wells - Large Scale Incident Release

PLSS Second Division

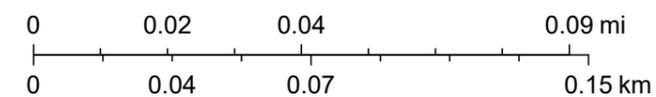
PLSS First Division

Oil, Active Produced Water Release

Oil, New Karst Occurrence Potential

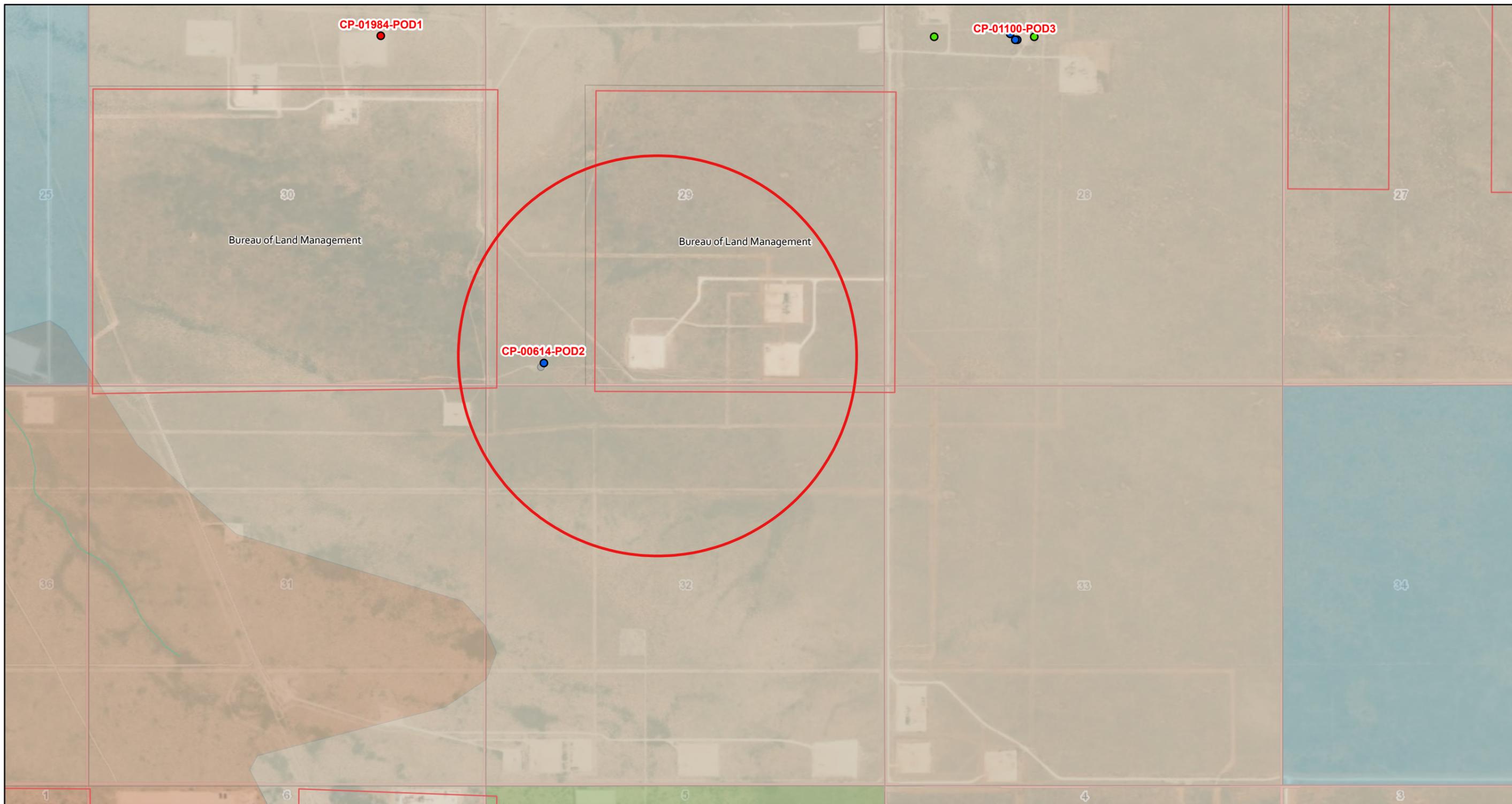
Low

1:2,257



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

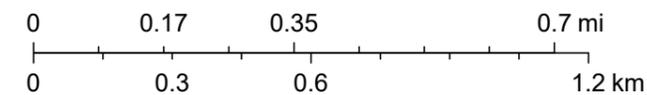
OSE POD Location Map



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

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

1:18,056



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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
221BF	CP 00614 POD2	SE	SW	SW	29	23S	35E	651102.0	3571401.1	

* UTM location was derived from PLSS - see Help

Driller License:	1706	Driller Company:	ELITE DRILLERS CORPORATION		
Driller Name:	WALLACE, BRYCE J.LEE.NER				
Drill Start Date:	2018-11-20	Drill Finish Date:	2018-11-23	Plug Date:	
Log File Date:	2019-03-01	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	35
Casing Size:	7.60	Depth Well:	440	Depth Water:	320

Water Bearing Stratifications:

Top	Bottom	Description
250	360	Sandstone/Gravel/Conglomerate
360	390	Sandstone/Gravel/Conglomerate
390	420	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
300	440

Meter Information

Meter Number:	18965	Meter Make:	TURBINES INC
Meter Serial Number:	2006262	Meter Multiplier:	1.0000
Number of Dials:	7	Meter Type:	Diversion
Unit of Measure:	Barrels 42 gal.	Reading Frequency:	Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2019-01-07	2019	0.000	A	RPT		0.000	
2019-03-31	2019	3118.970	A	RPT		0.402	
2019-07-01	2019	59655.869	A	RPT		7.287	
2019-08-02	2019	66066.386	A	RPT		0.826	
2019-09-01	2019	74190.708	A	RPT		1.047	
2019-10-07	2019	84707.966	A	RPT	RPT had 840707.966	1.356	
2019-11-04	2019	93820.106	A	RPT		1.174	
2019-12-03	2019	138145.050	A	RPT		5.713	
2020-02-01	2020	178015.890	A	RPT		5.139	
2020-03-02	2020	207585.330	A	RPT		3.811	
2020-04-13	2020	28729.000	A	RPT	initial read for new meter	0.000	
2020-04-13	2020	217794.000	A	RPT	Final Meter Read	1.316	
2020-05-04	2020	36326.313	A	RPT		0.979	
2020-06-04	2020	64018.641	A	RPT		3.569	
2020-07-02	2020	87365.354	A	RPT		3.009	
2020-08-03	2020	116877.610	A	RPT		3.804	
2020-10-09	2020	150196.810	A	RPT		4.295	
2020-11-06	2020	177171.710	A	RPT		3.477	
2020-12-14	2020	193191.780	A	RPT		2.065	
2021-01-07	2020	203979.860	A	RPT		1.391	
2021-02-05	2021	233044.050	A	RPT		3.746	
2021-08-02	2021	51144.000	A	ad		0.000	
2021-09-01	2021	51144.000	A	ad		0.000	
2021-10-05	2021	82316.000	A	ad		4.018	
2021-11-04	2021	97536.000	A	ad		1.962	
2021-12-14	2021	128306.000	A	ad		3.966	
2022-01-01	2022	129650.000	A	ad		0.173	
2022-02-08	2022	129650.000	A	ad		0.000	
2022-03-02	2022	129650.000	A	ad		0.000	

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
2022-04-01	2022	129650.000	A	ad		0.000	
2022-05-10	2022	129964.000	A	ad		0.040	
2022-06-07	2022	129964.000	A	ad		0.000	
2022-09-05	2022	129964.000	A	ad		0.000	
2022-10-10	2022	129964.000	A	ad		0.000	
2022-11-10	2022	129964.000	A	ad		0.000	
2023-05-09	2023	129964.000	A	ad		0.000	
2023-06-07	2023	129964.000	A	ad		0.000	
2023-07-03	2023	129964.000	A	ad		0.000	
2023-08-09	2023	129964.000	A	ad		0.000	
2023-09-30	2023	129964.000	A	ad		0.000	
2023-10-09	2023	129964.000	A	ad		0.000	

YTD Meter Amounts:

Year	Amount
2019	17.805
2020	32.855
2021	13.692
2022	0.213
2023	0.000

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

9/9/24 12:53 PM MST

Point of Diversion Summary

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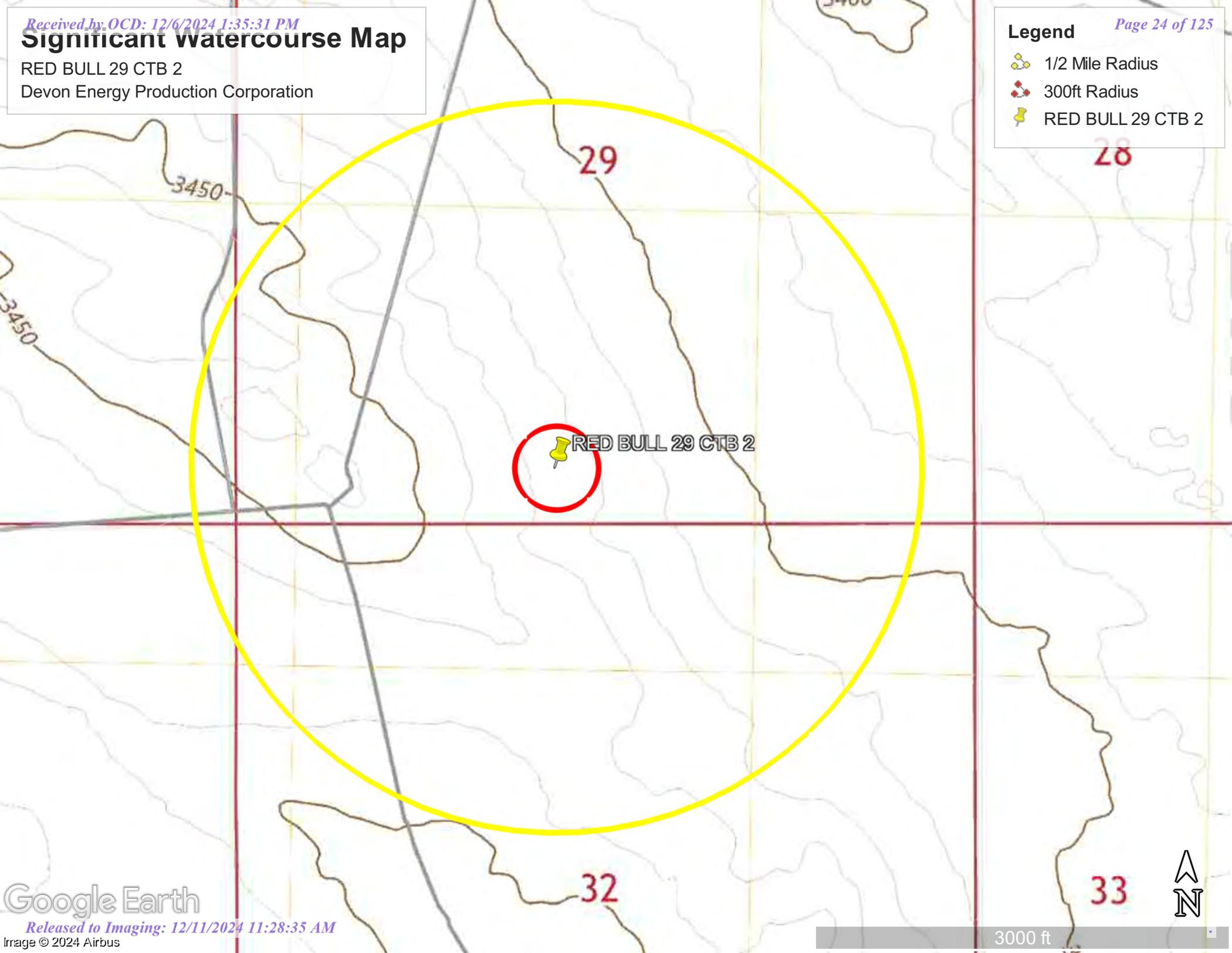
Significant Watercourse Map

RED BULL 29 CTB 2

Devon Energy Production Corporation

Legend

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



Legend Basemap Query Source

1:144,448

Legend

All Layers On/Off

All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

Mapping Status

In Progress (Only NWI)

Not Mapped

Riparian Habitat

Hydrogeomorphic Mapping (HGM) Linears

Hydrogeomorphic Mapping (HGM) Polygons

Landscape Position and Water Body (LLWW) Linears

Landscape Position and Water Body (LLWW) Polygons

Landform (LLWW)

NWI Linears

Palustrine Emergent (PEM)

Palustrine Forested (PFO)

Palustrine Rock Bottom (PRB)

Palustrine Scrub Shrub (PSS)

Palustrine Unconsolidated (PUB, PUS)

Riverine (R2, R3, R4)

NWI Polygons

Lacustrine (L1, L2)

Palustrine Aquatic Bed (PAB)

Palustrine Emergent (PEM)

Palustrine Forested (PFO)

Palustrine Rock Bottom (PRB)

Palustrine Scrub Shrub (PSS)

Palustrine Unconsolidated (PUB, PUS)

Riverine (R2, R3, R4)

Aquatic Invertebrate Habitat (AIH) Linears

Aquatic Invertebrate Habitat (AIH) Polygons

Bank and Shoreline Stabilization (BSS) Linears

Bank and Shoreline Stabilization (BSS) Polygons

Carbon Sequestration (CAR) Linears

Carbon Sequestration (CAR) Polygons

Fish Habitat (FH) Linears

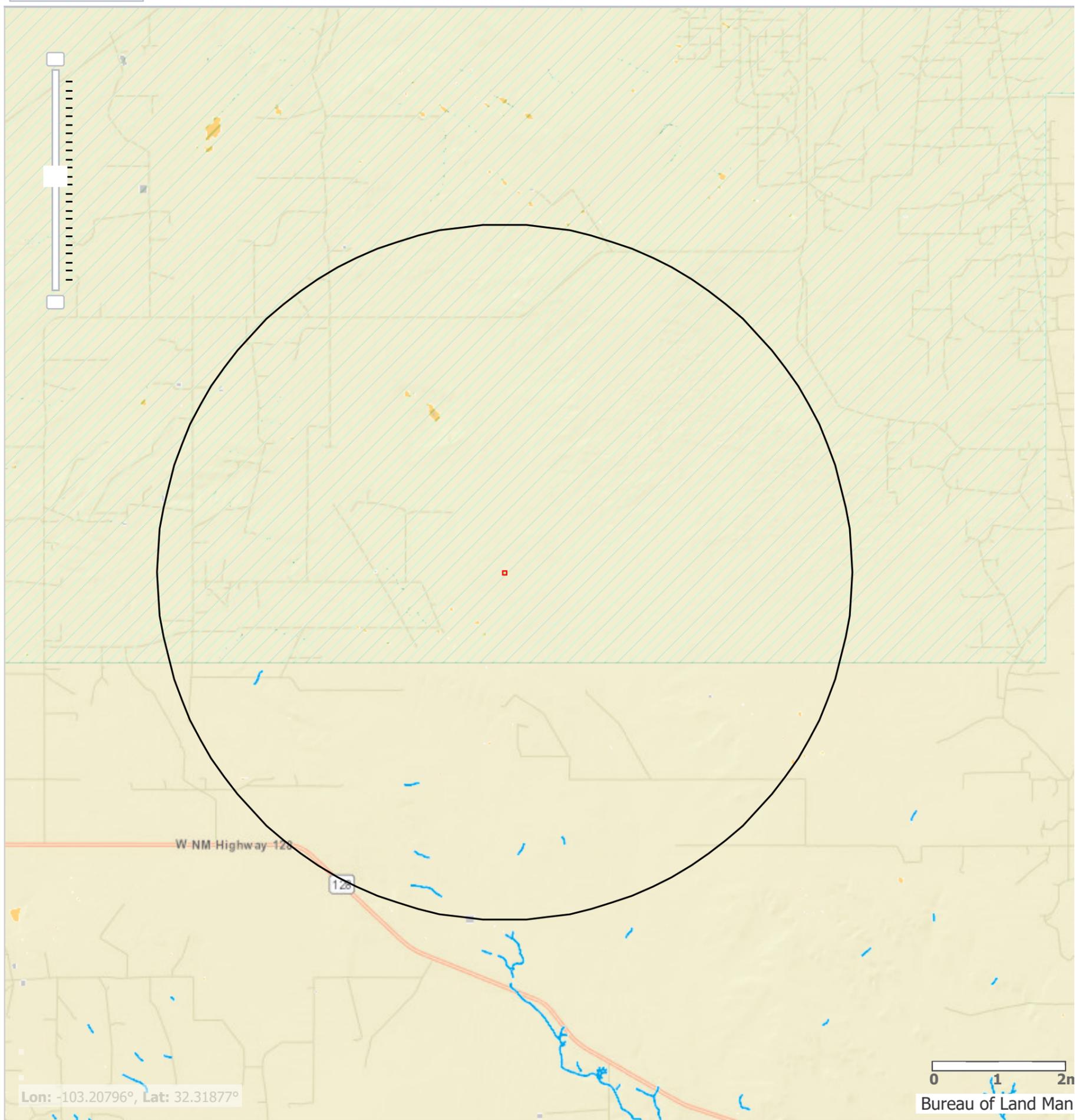
Fish Habitat (FH) Polygons

Groundwater Recharge (GR) Linears

Groundwater Recharge (GR) Polygons

Nutrient Transformation (NT) Linears

Nutrient Transformation (NT) Polygons



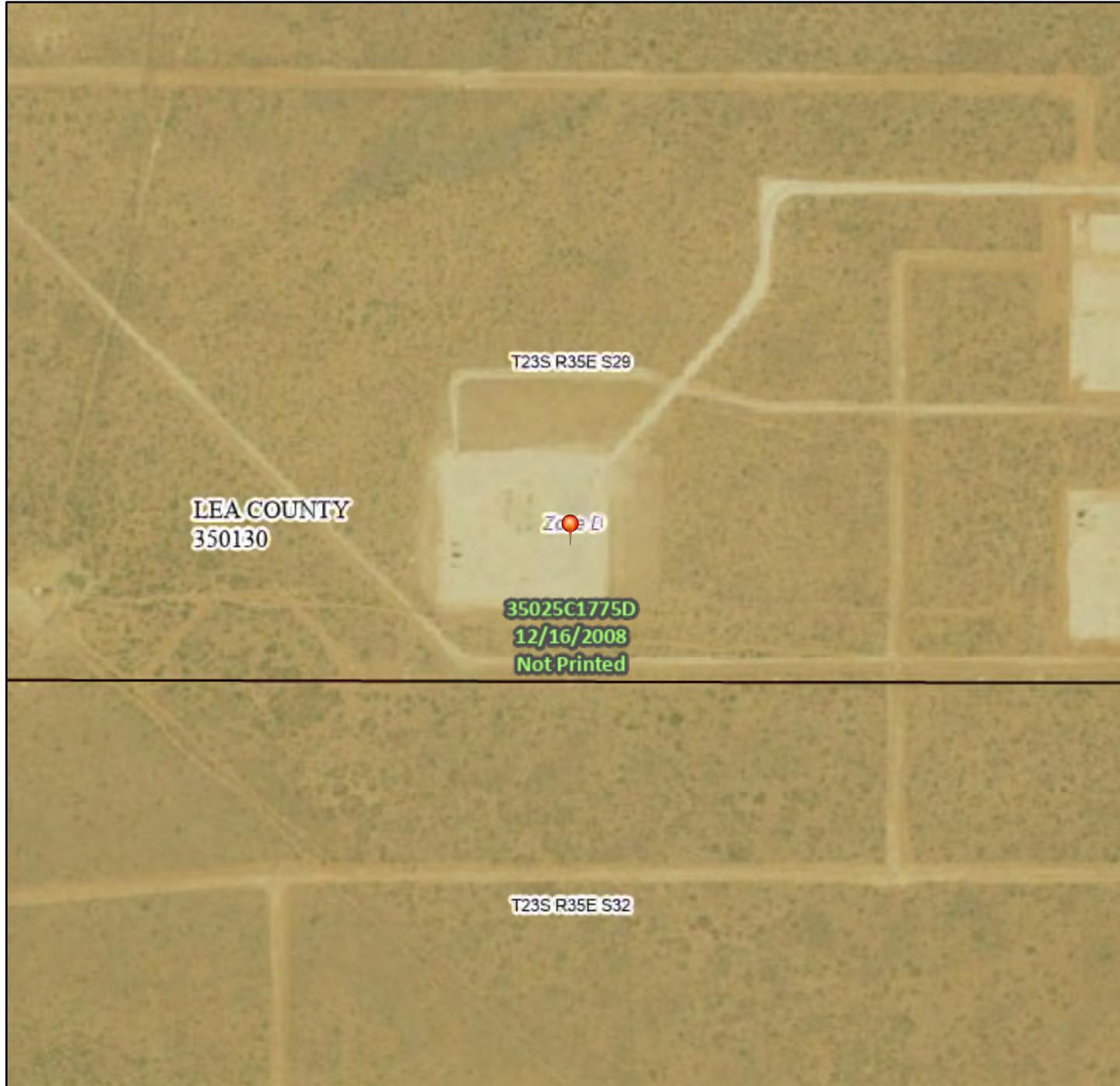
Lon: -103.20796°, Lat: 32.31877°

0 1 2m Bureau of Land Man

National Flood Hazard Layer FIRMMette



103°23'46"W 32°16'25"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/9/2024 at 2:51 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



1:6,000

103°23'8"W 32°15'55"N



Red Bull 29 CTB 2



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

September 12, 2024

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  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

PHOTOGRAPHIC LOG

Devon Energy Production Corporation

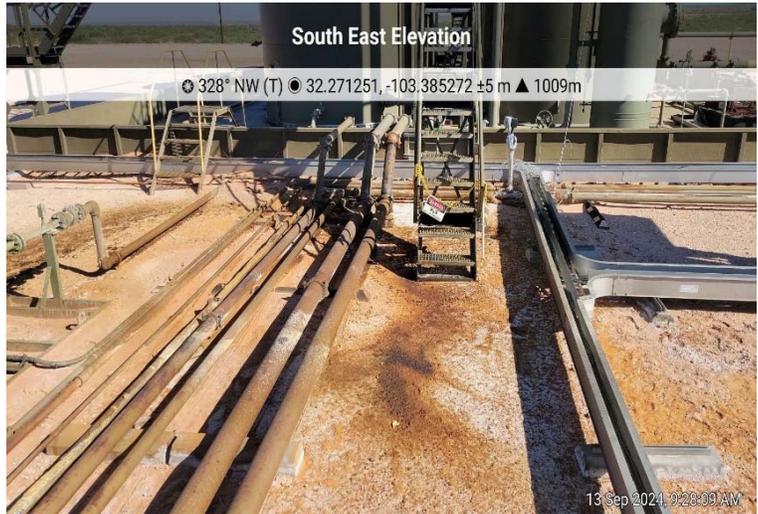
Red Bull 29 CTB 2

Photograph No. 1

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern



Photograph No. 2

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern

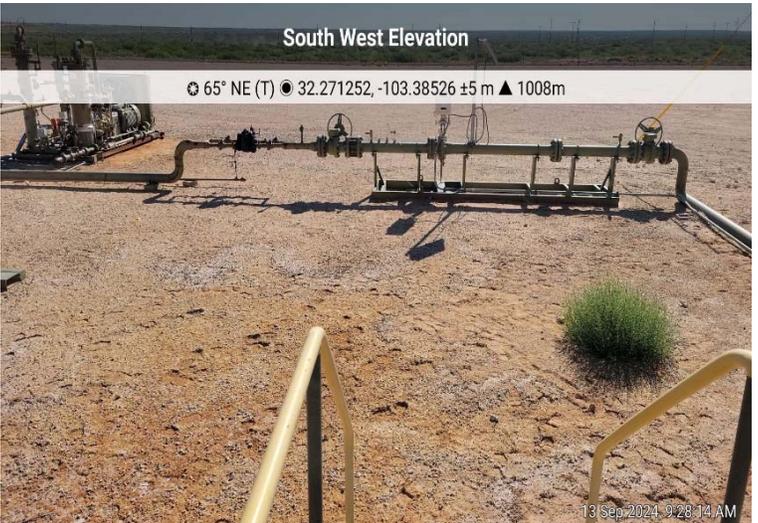


Photograph No. 3

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG

Devon Energy Production Corporation

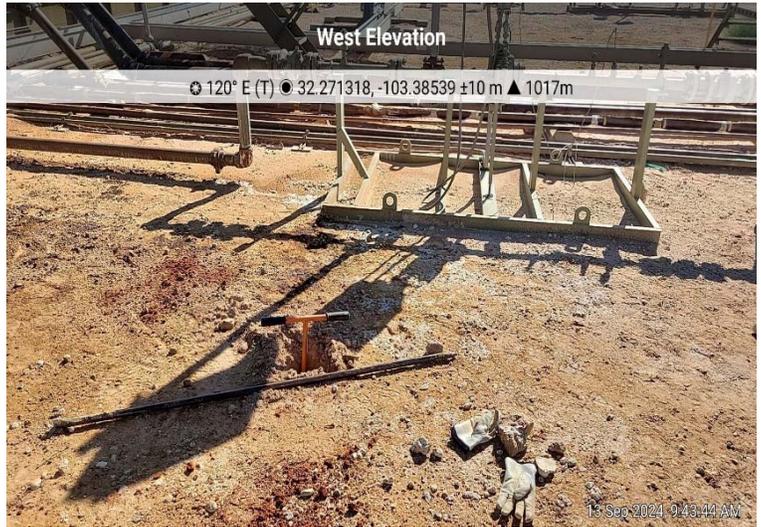
Red Bull 29 CTB 2

Photograph No. 4

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern

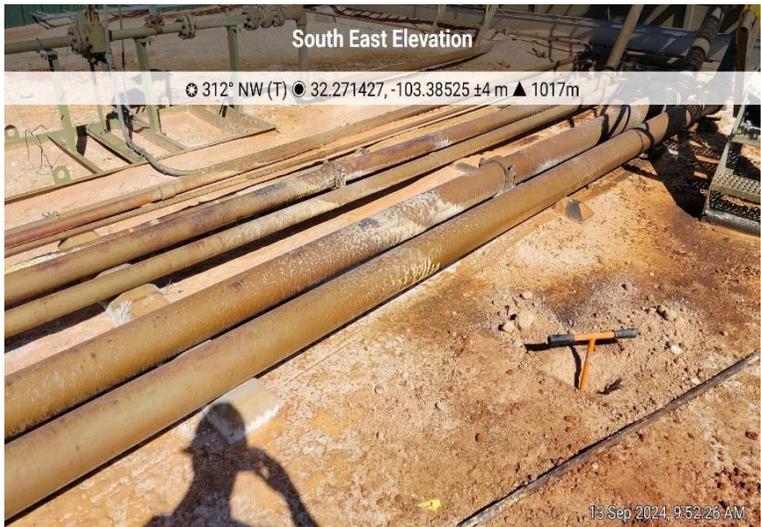


Photograph No. 5

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern

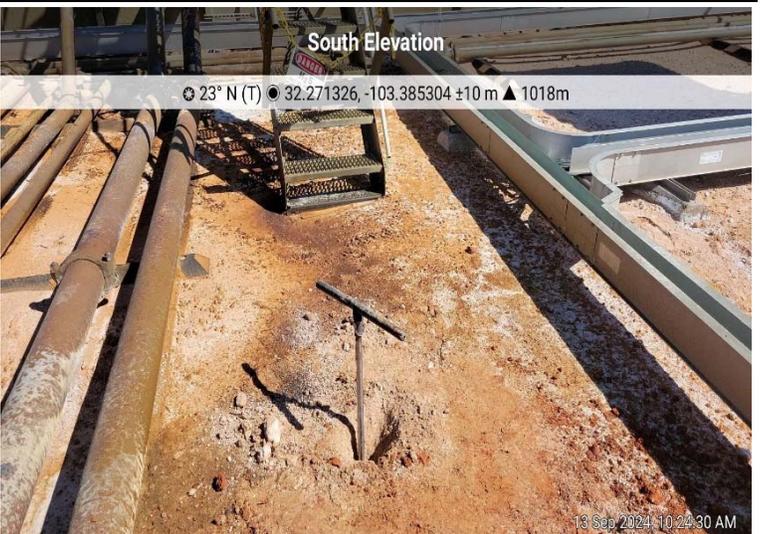


Photograph No. 6

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG

Devon Energy Production Corporation

Red Bull 29 CTB 2

Photograph No. 7

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern (2nd Spill)

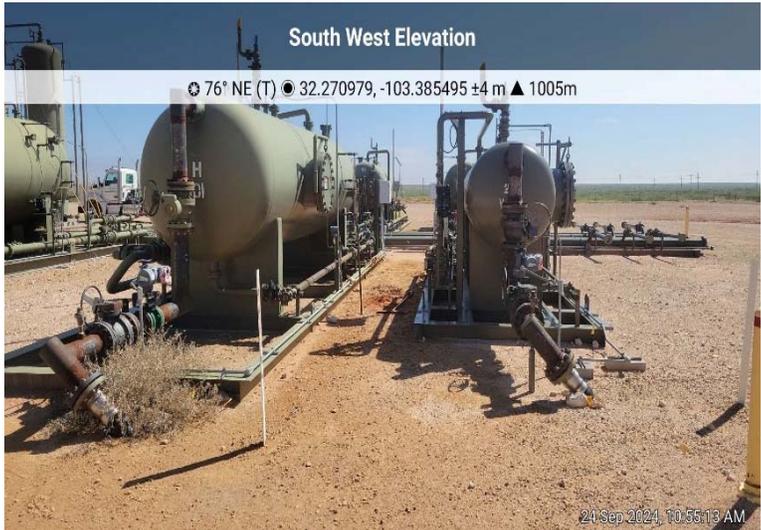


Photograph No. 8

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern (2nd Spill)



Photograph No. 9

Facility: Red Bull 29 CTB 2

County: Lea County, New Mexico

Description:
Area of Concern (2nd Spill)



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

September 18, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RED BULL 29 CTB 2

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17600	16.0	09/16/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2024	ND	199	99.5	200	13.6	
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

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

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

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

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

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

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

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

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

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

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

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

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

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

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

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

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

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

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5920	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

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

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

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	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*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	09/16/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	09/16/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2024	ND	199	99.5	200	13.6	
DRO >C10-C28*	<10.0	10.0	09/17/2024	ND	190	95.1	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	09/17/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, 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	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/16/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13400	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9400	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6100	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	09/16/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5730	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5460	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5100	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/17/2024	ND	2.16	108	2.00	2.79	
Toluene*	<0.050	0.050	09/17/2024	ND	2.24	112	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/17/2024	ND	2.43	121	2.00	7.08	
Total Xylenes*	<0.150	0.150	09/17/2024	ND	7.40	123	6.00	8.16	
Total BTEX	<0.300	0.300	09/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.14	107	2.00	0.766	
Toluene*	<0.050	0.050	09/16/2024	ND	2.23	112	2.00	0.940	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	1.00	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.94	116	6.00	0.674	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/17/2024	ND	416	104	400	0.00	

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

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2024	ND	2.14	107	2.00	0.766	
Toluene*	<0.050	0.050	09/16/2024	ND	2.23	112	2.00	0.940	
Ethylbenzene*	<0.050	0.050	09/16/2024	ND	2.25	113	2.00	1.00	
Total Xylenes*	<0.150	0.150	09/16/2024	ND	6.94	116	6.00	0.674	
Total BTEX	<0.300	0.300	09/16/2024	ND					

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

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

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

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H045585

Page 3 of 3

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

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

Project Name:	Red Bull 29 CTB 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	249136	Due Date:			
Project Location:	Lee County, New Mexico	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Clayton Turnas	Parameters			
PO #:	21406179	TPH 8015M			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	5190		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.00		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	28.0		
Total Containers:	30	Corrected Temperature:	28.0		

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

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9/13/24 13:41			2
					4
					6



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

September 30, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RED BULL 29 CTB 2

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9000	16.0	09/26/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	222	111	200	3.95	
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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	09/26/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	09/26/2024	ND	432	108	400	3.77	QM-07

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	222	111	200	3.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	210	105	200	3.43	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	QM-07
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8400	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	206	103	200	2.79	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	212	106	200	7.75	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2024	ND	1.97	98.3	2.00	3.75	
Toluene*	<0.050	0.050	09/26/2024	ND	1.95	97.7	2.00	5.86	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.03	101	2.00	7.69	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.18	103	6.00	7.64	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2024	ND	189	94.6	200	2.95	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	191	95.6	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sessums Address: 209 West Melan St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #: Project #: 249136 Project Owner: Devon Project Name: Red Bull 29 CTB 2 9120124 Project Location: Lea County Sampler Name: Clayton T		BILL TO P.O. #: 21406179 Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. Sample I.D. H245793 1 2 3 4 5 6 7 8 9 10		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING DATE TIME	
V-1 0-6 V-1 1-1.5 V-1 2-2.5 V-1 3-3.5 V-1 4-4.5 V-1 5-5.5 V-2 0-6 V-2 1-1.5 V-2 2-2.5 V-2 3-3.5		6 1 1 1 1 1 1 1 1 1		9/24 9/24 9/24 9/24 9/24 9/24 9/24 9/24 9/24	
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Relinquished By: [Signature] Date: 9/24 Time: 12:35 Received By: [Signature] Date: 9/24 Time:		CHECKED BY: [Signature] (Initials)		Delivered By: (Circle One) Observed Temp. °C 0.9 Corrected Temp. °C 0.3 Sampler - UPS - Bus - Other:	

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ethan Sessums
NT Global

701 Tradewinds Blvd
Midland, Texas 79706

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

JOB DESCRIPTION

RED BULL 29 CTB 2
248872

JOB NUMBER

890-7319-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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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



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

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

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

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

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Definitions/Glossary

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

Job ID: 890-7319-1
SDG: 248872

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project: RED BULL 29 CTB 2

Job ID: 890-7319-1

Job ID: 890-7319-1

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Job Narrative 890-7319-1

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

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

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

Receipt

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

GC VOA

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

Diesel Range Organics

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

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

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

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

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

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

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-94433 and analytical batch 880-94449 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

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Client Sample Results

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

Job ID: 890-7319-1
SDG: 248872

Client Sample ID: V - 1

Lab Sample ID: 890-7319-1

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 6 - 6.5

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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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

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

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Client Sample ID: V - 1

Lab Sample ID: 890-7319-2

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 7 - 7.5

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

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

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

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Client Sample Results

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

Job ID: 890-7319-1
 SDG: 248872

Client Sample ID: V - 1

Lab Sample ID: 890-7319-2

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 7 - 7.5

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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

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

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Client Sample ID: V - 1

Lab Sample ID: 890-7319-3

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 8 - 8.5

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

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

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

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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Client Sample Results

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

Job ID: 890-7319-1
 SDG: 248872

Client Sample ID: V - 1

Lab Sample ID: 890-7319-3

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

Sample Depth: 8 - 8.5

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

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

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Surrogate Summary

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

Job ID: 890-7319-1
 SDG: 248872

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

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

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

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

Matrix: Solid

Prep Type: Total/NA

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

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

QC Sample Results

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

Job ID: 890-7319-1
SDG: 248872

Method: 8021B - Volatile Organic Compounds (GC)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 890-7319-1
SDG: 248872

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 890-7319-1
 SDG: 248872

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 890-7319-1
SDG: 248872

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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QC Sample Results

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

Job ID: 890-7319-1
SDG: 248872

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

QC Sample Results

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

Job ID: 890-7319-1
SDG: 248872

Method: 300.0 - Anions, Ion Chromatography

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

Client Sample ID: Method Blank
Prep Type: Soluble

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

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

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

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

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

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

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

Client Sample ID: Matrix Spike
Prep Type: Soluble

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

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

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

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

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

Client Sample ID: Method Blank
Prep Type: Soluble

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

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

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

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

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

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

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QC Sample Results

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

Job ID: 890-7319-1
 SDG: 248872

Method: 300.0 - Anions, Ion Chromatography

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

Client Sample ID: Matrix Spike
Prep Type: Soluble

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

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

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

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

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

Client Sample ID: Method Blank
Prep Type: Soluble

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

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

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

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

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

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

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

Client Sample ID: Matrix Spike
Prep Type: Soluble

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

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

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

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

QC Association Summary

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

Job ID: 890-7319-1
 SDG: 248872

GC VOA

Analysis Batch: 94375

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

Prep Batch: 94387

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

Analysis Batch: 94485

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

Analysis Batch: 94509

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

Prep Batch: 94585

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

GC Semi VOA

Prep Batch: 94386

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

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QC Association Summary

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

Job ID: 890-7319-1
SDG: 248872

GC Semi VOA (Continued)

Prep Batch: 94386 (Continued)

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

Analysis Batch: 94393

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

Analysis Batch: 94505

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

Prep Batch: 94523

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

Analysis Batch: 94538

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

HPLC/IC

Leach Batch: 94417

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

Analysis Batch: 94425

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

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QC Association Summary

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

Job ID: 890-7319-1
SDG: 248872

HPLC/IC (Continued)

Analysis Batch: 94425 (Continued)

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

Leach Batch: 94433

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

Analysis Batch: 94449

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

Leach Batch: 94544

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

Analysis Batch: 94588

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

Eurofins Carlsbad

Lab Chronicle

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

Job ID: 890-7319-1
 SDG: 248872

Client Sample ID: V - 1

Lab Sample ID: 890-7319-1

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

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

Client Sample ID: V - 1

Lab Sample ID: 890-7319-2

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

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

Client Sample ID: V - 1

Lab Sample ID: 890-7319-3

Date Collected: 10/29/24 00:00

Matrix: Solid

Date Received: 10/29/24 16:30

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

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 890-7319-1
SDG: 248872

Laboratory: Eurofins Midland

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

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

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

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

- 1
- 2
- 3
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Method Summary

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

Job ID: 890-7319-1
SDG: 248872

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

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

Job ID: 890-7319-1
SDG: 248872

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

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Chain of Custody

Work Order No: _____

Page 1 of 1

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

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

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

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



Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/29 16:30			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7319-1

SDG Number: 248872

Login Number: 7319

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

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Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-7319-1

SDG Number: 248872

Login Number: 7319

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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

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From: [Ethan Sessums](#)
To: [Wells, Shelly, EMNRD](#)
Cc: [Kenny Han](#)
Subject: RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2
Date: Tuesday, December 10, 2024 3:13:06 PM
Attachments: [image002.png](#)

32.271281, -103.385253

Oh, my goodness I can't win today I have no clue how that happened weird.

Sorry for the confusion.

Ethan Sessums

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



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From: Wells, Shelly, EMNRD <Shelly.Wells@emnrn.dnm.gov>
Sent: Tuesday, December 10, 2024 3:08 PM
To: Ethan Sessums <ESessums@ntglobal.com>
Cc: Kenny Han <KHan@ntglobal.com>
Subject: RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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Hi Ethan,

Can you please verify the first set of coordinates as it does not put me on the correct pad. The latitude is correct but the longitude is off.

From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Tuesday, December 10, 2024 3:00 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrn.dnm.gov>
Cc: Kenny Han <KHan@ntglobal.com>
Subject: RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

Perfect yes ma'am here they are.

Red Bull 29 CTB 2 (1st spill) - 32.271281, -103.271281 / nAPP2425341702

Red Bull 29 CTB 2 (2nd spill) - 32.270884, -103.385371 / nAPP2426476658

Ethan Sessums

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



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From: Wells, Shelly, EMNRD <Shelly.Wells@emnrn.dnm.gov>
Sent: Tuesday, December 10, 2024 2:50 PM
To: Ethan Sessums <ESessums@ntglobal.com>
Cc: Kenny Han <KHan@ntglobal.com>
Subject: RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

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Hi Ethan,

Thank you for getting back to me on this one and providing the photos/etc. to verify the location of the releases. Can you please email me the correct latitude and longitude of the release locations so that the incidents can be updated to reflect this? Also, when you submit your closure reports/deferral requests please ensure the correct lat and long are updated in the reports themselves. That will be all that is needed to address this.

Kind regards,

Shelly

[Shelly Wells](#) * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrn.dnm.gov
<http://www.emnrn.state.nm.us/OCD/>

From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Tuesday, December 10, 2024 2:07 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrn.dnm.gov>
Cc: Kenny Han <KHan@ntglobal.com>
Subject: RE: [EXTERNAL] Re: NAPP2425341702 RED BULL 29 CTB 2

We have attached both the satellite imagery along with the NMOCD wells map that currently shows the incorrect site location, which has no visible equipment on the pad, along with the spill reference materials that Devon provided for us which indicates that the spill occurred on the pad to the northeast of the GPS coordinates that were written on the C-141.

After referencing additional field information collected on the initial site visit it is clear that the C-141 coordinates are incorrect. Please let us know how you want to proceed.

Ethan Sessums

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



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

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Okay sounds good Ethan!

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

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Let me look into this, it wouldn't be the first time the c-141 location was incorrect.

Ethan Sessums

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

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

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

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Hi Ethan,

I am reviewing the submitted remediation plans for Red Bull 29 CTB 2 and the location of both releases entered in the initial C-141 puts it here: 32.26943,-103.39078



However the figures provided look like they are located .35 miles to the northeast of there-on the pad located at top right of screenshot. Also the photographs provided were taken at that location to the northeast. Can you please explain?

Kind regards,

Shelly

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

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 409501

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2425341702
Incident Name	NAPP2425341702 RED BULL 29 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2122855592] RED BULL 29 CTB 2

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	RED BULL 29 CTB 2
Date Release Discovered	09/07/2024
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Coupling Produced Water Released: 9 BBL Recovered: 0 BBL Lost: 9 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Leak at VIC clamp on main water line to gun barrel. 8.7 bbls spilled onto pad.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 409501

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

Initial Response

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

The source of the release has been stopped	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	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/06/2024
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 409501

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 and 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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	63200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	401
GRO+DRO (EPA SW-846 Method 8015M)	319
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	01/06/2025
On what date will (or did) the final sampling or liner inspection occur	01/17/2025
On what date will (or was) the remediation complete(d)	01/24/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1000
What is the estimated volume (in cubic yards) that will be remediated	135

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 409501

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate 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]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: 12/06/2024
----------------------------------------------------	----------------------------------------------------------------------------------------------

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

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QUESTIONS, Page 5

Action 409501

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 409501

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

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

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CONDITIONS

Action 409501

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 409501
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved. Submit a remediation closure or deferral request to the OCD after carrying out as much remediation as possible around production equipment. The deferral request must specify which sample points are being requested for deferral including an explanation why the contaminants can't be removed. Submit your report to the OCD by 3/11/25.	12/11/2024