# URANINITE 32 CTB 2

# 1/2/2024

# OCD INCIDENT nAPP2400253283

<u>Spill Volume(Bbls) Calculator</u>								
Inputs in blue, Outputs in red								
Cor	ntaminated S	Soil measurement						
Area (so	feet)	Depth (in)						
<u>5,082</u>	.00	<u>0.25</u>						
Cubic Feet of S	oil Impacted	<u>105.88</u>						
Barrels of So	il Impacted	<u>18.87</u>						
Soil T	ype	Clay/Sand						
Barrels of Oi	l Assuming	2.83						
100% Sat	uration	2.05						
Saturation	Fluid pre	sent with shovel/backhoe						
Estimated Ba	rrels of Oil	2.83						
Relea	sed	2.05						
	Free Standi	ing Fluid Only						
Area (so	feet)	Depth (inches))						
<u>0.0</u>	<u>o</u>	<u>0.000</u>						
Standin	g fluid	<u>0.00</u>						
<u>Total fluid</u>	s spilled	<u>2.83</u>						

Spills In Lined Containment							
Measurements Of Standing Fluid							
Length(Ft)	75						
Width(Ft)	40.00						
Depth(in.)	0.1						
Total Capacity without tank displacements (bbls)	4.45						
No. of 500 bbl Tanks In Standing Fluid	5						
No. of Other Tanks In Standing Fluid	0						
OD Of Other Tanks In Standing Fluid(feet)	0						
Total Volume of standing fluid accounting for tank displacement.	3.05						
Fluids spilled in containment (bbls)	3.05						
Impacted surface soils (bbls)	2.83						
Total Fluids Spilled (bbls)	5.88						



July 12, 2024

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

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

Re: Site Characterization and Closure Request Report Devon Energy Production Company Uraninite 32 CTB 2 Unit E, Section 32, Township 19S, Range 29E Site Coordinates: 32.61740312, -104.1042132 Eddy County, New Mexico Incident ID: nAPP2400253283

# **Introduction**

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Closure Request Report 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 the release number: nAPP2400253283– Uraninite 32 CTB 2 (Site). The Site is in Unit Letter E, Section 32, of Township 19 South and Range 29 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.61740312° N latitude and 104.1042132° W longitude. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

# **Background**

Based on the Release Notification C-141 Form, the release was discovered on January 2, 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 six (6) barrels (bbls) of produced water of which five (5) bbls were recovered for an approximate net loss of one (1) bbls of produced water. The release area is shown in Figure 3.

# **Groundwater and Site Characterization**

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Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a <sup>1</sup>/<sub>2</sub>-mile radius of the Site. 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 High 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)
High Karst	Unknown

 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
19.15.29.12 Remediation and Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes: = not defined					

# **Remedial Action Activities and Auger Sampling Event**

On May 23, 2024, the initial remediation closure report submitted by Altamira on March 23, 2024 was denied by the NMOCD. After receiving and evaluating the rejected closure report provided by Devon, NTGE identified a deficiency where some confirmation samples were not analyzed for BTEX or TPH after the initial round of confirmation sampling. NTGE identified fifty-six (56) sample locations (G-1, G-2, G-3, G-5, G-6, G-8, G-10, G-11, G-12, G-13, G-15, G-16, G-17, G-20, G-24, G-25, G-26, G-30, G-31, G-32, G-34, G-36, G-39, G-40, G-41, G-42, G-43, G-49, G-50, G-51, G-52, G-56, G-57, G-58, G-59, G-62, G-64, G-65, G-66, G-69, G-70, G-72, G-73, G-74, G-77, G-78, G-79, G-80, SW-1A, SW-4A, SW-5A, SW-10A, SW-11A, SW-18, SW-19, SW-20, and SW-21) that would require sample collection to verify that the Site is compliant with NMOCD regulatory criterion found in Table I. Furthermore, NTGE received permission from EMNRD-OCD to recollect the samples as auger grab samples. The rejected report and email correspondence between the OCD is attached to the end of the report.

On June 19, 2024, NTGE installed a total of forty-seven (47) auger sample points (G-3, G-10, and G-79 @ 3.5-4 ft bgs, G-24, G-25, G-26, G-32, G-34, G-36, G-41, G-42, G-43, G-50, G-51, G-52, G-57, G-58, G-64, G-66, G-69, G-70, G-72, G-73, G-74, G-77, G-78, and G-80 @ 4-4.5 ft bgs, G-1, G-2, G-5, G-6, and G-12 @ depths 5-5.5 ft bgs, G-8, G-13, G-15, G-16, G-17, G20, and G-65 @ depths 6-6.5 ft bgs, G-59 and G-62 @ 6.5-6.75 ft bgs, G-30, G-31, G-39, G-40, G-49, and G-56 @ depths 8-8.5) within the excavation. In addition, nine (9) sidewall samples (SW-1A @ depths

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0-4ft bgs, SW-4A and SW-5A @ depths 0-6.5 ft bgs, SW-10A @ depths 0-4 ft bgs, SW-11A @ depths 0-6 ft bgs, and SW-18, SW-19, SW-20 and SW-21 @ depths 0-5 ft bgs) were collected to ensure that the impacted soil has been removed from the Site. Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for the analysis of Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX by EPA Method 8021B), Total Petroleum Hydrocarbons (TPH by EPA Method 8015 Modified), and chlorides (Methods SM4500-Cl-B). Analytical results indicated that all samples were below NMOCD regulatory criterion for the Site. Laboratory reports containing analytical methods and chain-of-custody documents are attached and the auger sampling map is shown in Figure 3.

# **Closure**

Based on the remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. Devon formally requests a no further action designation for the Site.

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 Rejected Report Email Correspondence



# TABLES

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 Table 2

 Summary of Soil Analytical Data - Confirmation Samples

 Uraninite 32 CTB 2

 Devon Energy Production Company

 Eddy Co, New Mexico

								ТРН					
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Committee ID		Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C36)	(C6-C36)	
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Tab	le I Closure Crite	eria for Soil ≤ 50 f	eet Depth to Gro	undwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					•	Bas	e Confirmation	Samples					
G-1	6/19/2024	5-5.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
G-2	6/19/2024	5-5.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
G-3	6/19/2024	3.5-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
G-5	6/19/2024	5-5.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
G-6	6/19/2024	5-5.5	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
G-8	6/19/2024	6-6.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
G-10	6/19/2024	3.5-4	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
G-12	6/19/2024	5-5.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
G-13	6/19/2024	6-6.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
G-15	6/19/2024	6-6.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
G-16	6/19/2024	6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
G-17	6/19/2024	6-6.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
G-20	6/19/2024	6-6.5	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
G-24	6/19/2024	4-4.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
G-25	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
G-26	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
G-30	6/19/2024	8-8.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
G-31	6/19/2024	8-8.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
G-32	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
G-34	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
G-36	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-39	6/19/2024	8-8.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-40	6/19/2024	8-8.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-41	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
G-42	6/19/2024	3.5-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
G-43	6/19/2024	3.5-4	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
G-49	6/19/2024	8-8.5	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-50	6/19/2024	3.5-4	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
G-51	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
G-52	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
G-56	6/19/2024	8-8.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-57	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
G-58	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
G-59	6/19/2024	6.5-7.75	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
G-62	6/19/2024	6.5-7.75	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
G-64	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
G-65	6/19/2024	6-6.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
G-66	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
G-69	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
G-70	6/19/2024	3.5-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-72	6/19/2024	3.5-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-73	6/19/2024	3.5-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
G-74	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-77	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256

 Table 2

 Summary of Soil Analytical Data - Confirmation Samples

 Uraninite 32 CTB 2

 Devon Energy Production Company

 Eddy Co, New Mexico

								ТРН					
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO	DRO	GRO + DRO	MRO	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	Depth						(C6-C10)	(C10-C28)	(C6-C28)	(C28-C36)	(C6-C36)	
ounpie is	Sumple Dute	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Tabl	e I Closure Crite	ria for Soil ≤ 50 f	eet Depth to Gro	undwater 19.15.29 I	MAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
G-78	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
G-79	6/19/2024	3.5-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
G-80	6/19/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
						Sidew	all Confirmatio	n Samples					
SW-1A	6/19/2024	0-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-4A	6/19/2024	0-6.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-5A	6/19/2024	0-6.5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-10A	6/19/2024	0-4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-11A	6/19/2024	0-6	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-18	6/19/2024	0-5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-19	6/19/2024	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-20	6/19/2024	0-5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-21	6/19/2024	0-5	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

#### Notes:

1. Values reported in mg/kg

2.<= Value Less Than Reporting Limit (RL)</li>3. Bold indicates Analyte Detected4. BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.

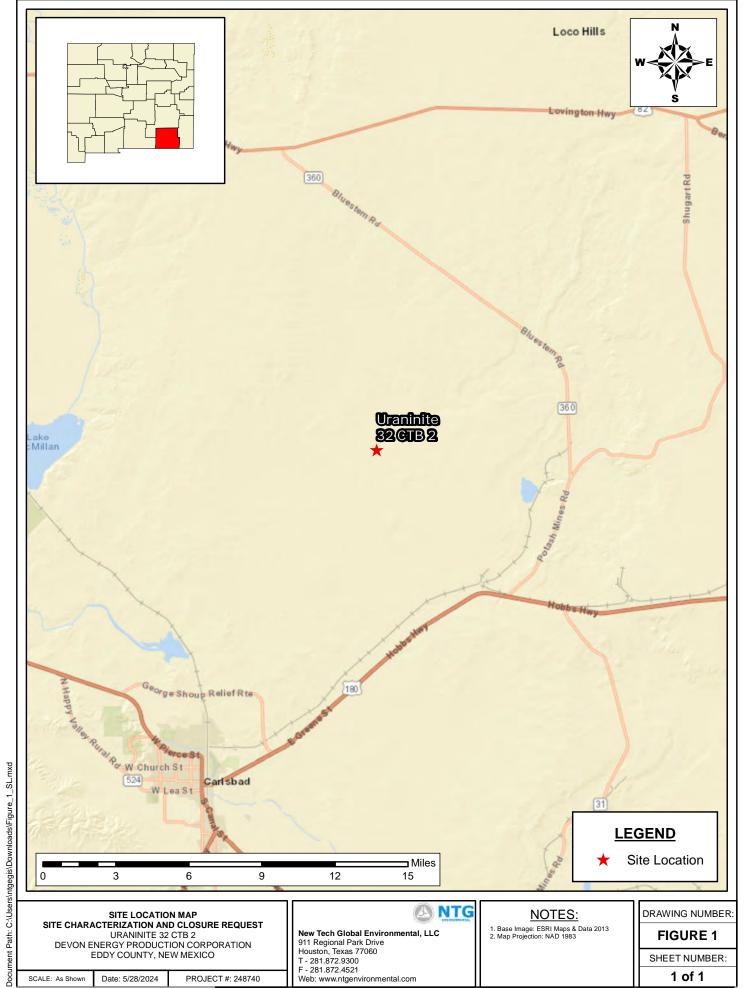
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

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

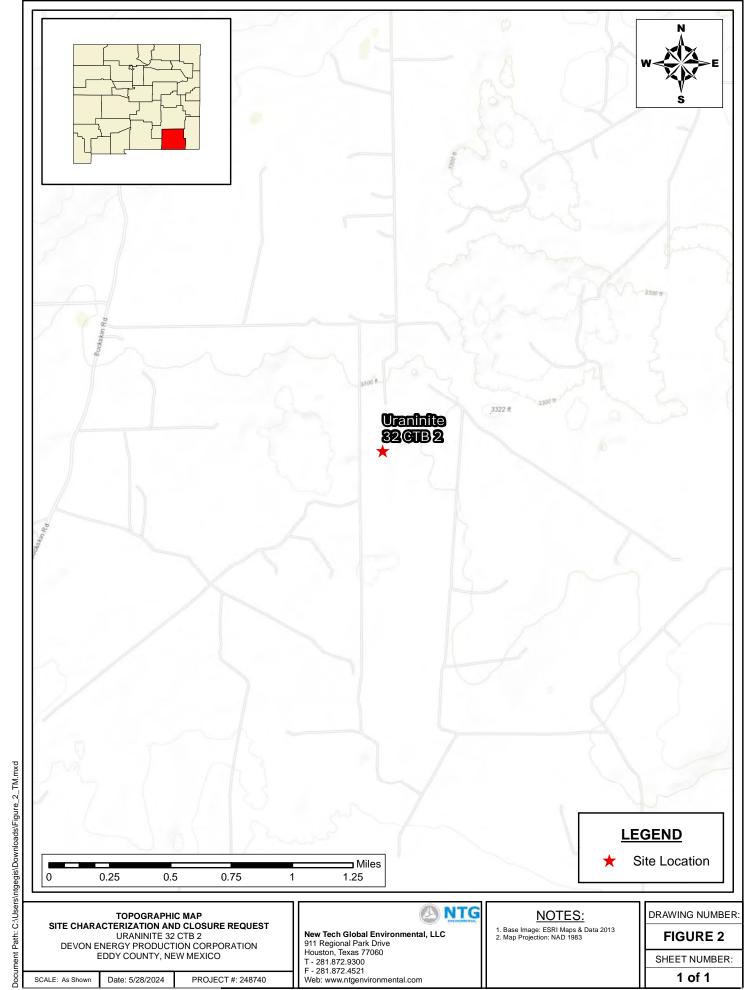
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

Sample Point Excavated 9. --- Not Analyzed

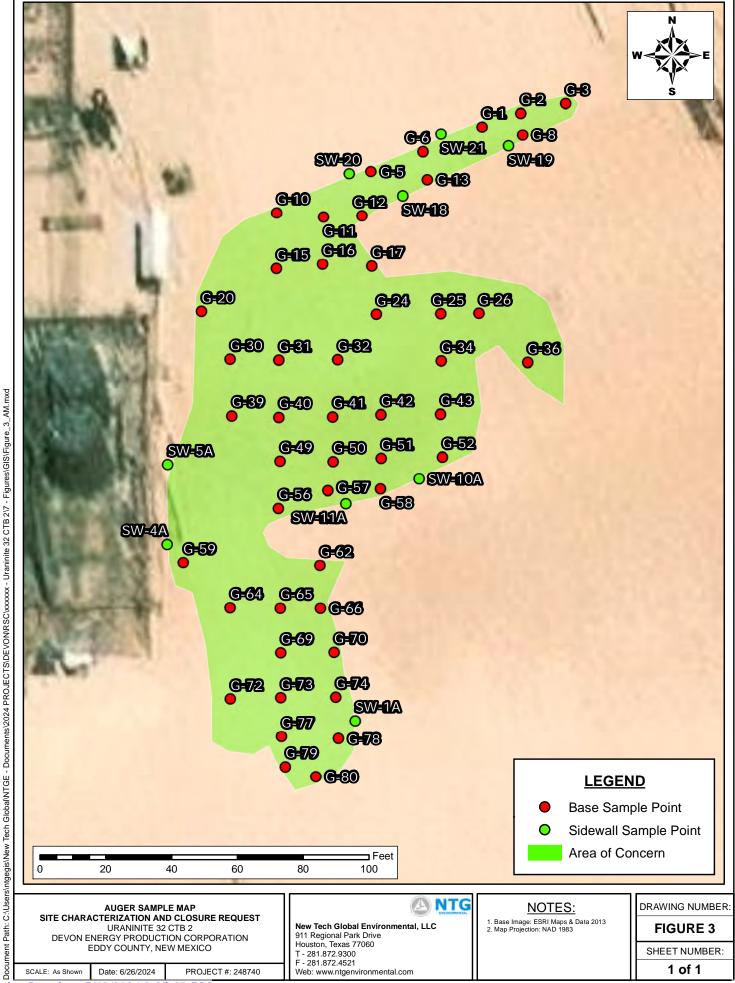
# FIGURES



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PHOTOGRAPHIC LOG

# **PHOTOGRAPHIC LOG Devon Energy Production Company**

Uraninite 32 CTB 2

# Photograph No. 1

Facility: Uraninite 32 CTB 2

- County: Eddy County, New Mexico
- **Description:** View of Sampler Bore



# Photograph No. 2

Facility: Uraninite 32 CTB 2

County: Eddy County, New Mexico

# **Description:**

View of Sampler Bore



# Photograph No. 3

Facility: Uraninite 32 CTB 2

County: Eddy County, New Mexico

**Description:** View of Sampler Bore





# SITE CHARACTERIZATION DOCUMENTATION

# **NMOCD Closure Criteria**

Uraninite 32 CTB 2									
Site Information (19.15.29.11.A (2,3, & 4) NMAC)	Source/Notes								
Depth to Groundwater ( ft bgs)	N/A	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)	N/A	National Wetlands Inventory (NWS)							

Closure Criteria (19.1	5.29.12.B(4) aı	nd Table 1 NM	AC)				
Donth to Crowndwater (#)	Closure Criteria (mg/kg)						
Depth to Groundwater (ft)		Chloride*	TPH	GRO + DRO	BTEX	Benzene	
< 50	х	600	100		50	10	
51 - 100		10,000	2,500	1,000	50	10	
>100		20,000	2,500	1,000	50	10	
Surface Water	Yes/No			in yes, then			
<300 ft from a continuously flowing watercourse or other significant							
watercourse?	No						
<200 ft from a lakebed, sinkhole, or playa lake?	No						
Water Well or Water Source							
<500 ft from a spring or a private, domestic fresh waster well used							
by less that 5 households for domestic or livestock purposes?							
	No						
<1,000 ft from a fresh water well or spring?	No						
Human and Other Area		600	100		50	10	
<300 ft from an occupied permanent residence, school, hospital,							
institution or church?	No						
Within incorporated municipal boundaries or within a defined							
municipal fresh water well field?	No						
<100 ft from a wetland?	No						
Within an area overlying a subsurface mine?	No						
Within and unstable area?	No						
Within a 100 yr floodplain?	No						

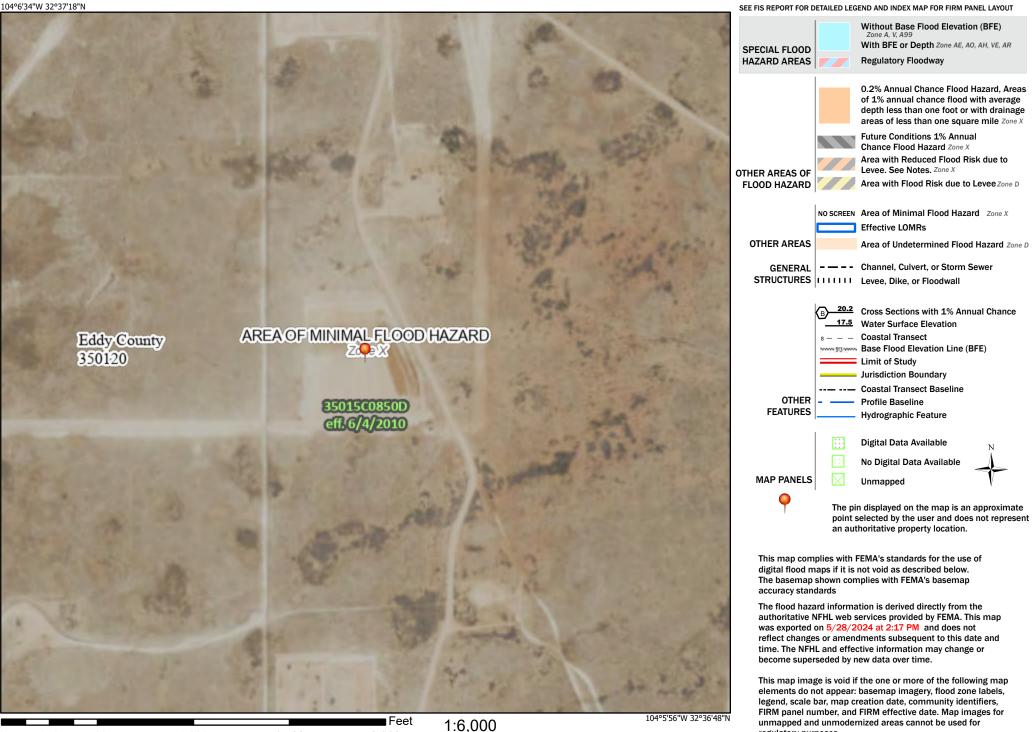
\* - numerical limit or background, whichever is greater

# Received by OCD: 7/15/2024 3:25:56 PM National Flood Hazard Layer FIRMette



# Legend

Page 16 of 353



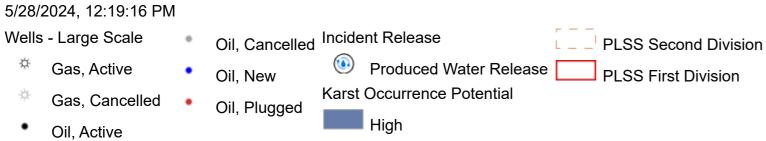
Releasea to Imaging: 7/18/2024 2.927:38 PM 1,500 2,000

regulatory purposes.

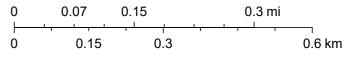
Basemap Imagery Source: USGS National Map 2023

# **OCD Well Locations**









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

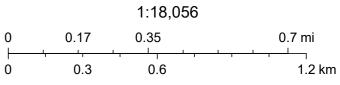
New Mexico Oil Conservation Division 17f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

# **OSE POD Location Map**



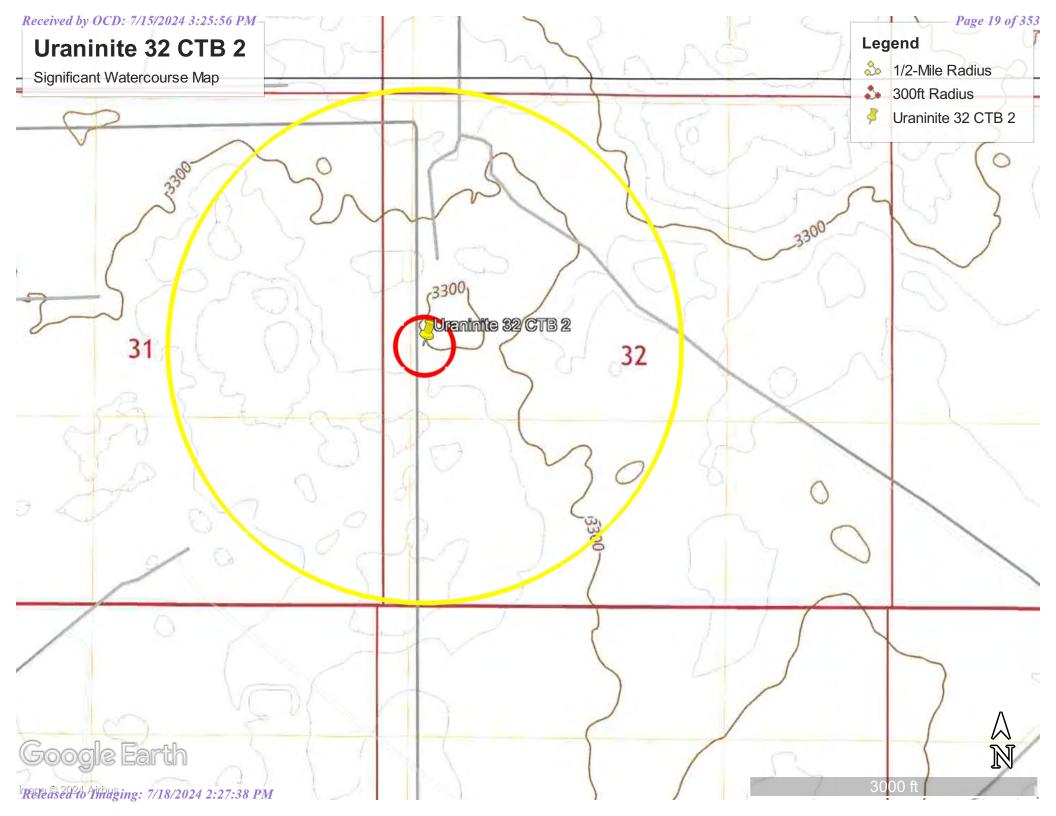
# 5/28/2024, 12:19:06 PM





Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

•



# U.S. Fish and Wildlife Service

# **National Wetlands Inventory**

# Uraninite 32 CTB 2



#### This map is for general reference only. The US Fish and Wildlife May 28, 2024 Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should Wetlands Freshwater Emergent Wetland Lake be used in accordance with the layer metadata found on the Wetlands Mapper web site. Estuarine and Marine Deepwater Freshwater Forested/Shrub Wetland Other Estuarine and Marine Wetland Freshwater Pond Riverine Released to Imaging: 7/18/2024 2:27:38 PM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper

# LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



June 26, 2024

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

RE: URANINITE 32 CTB 2

Enclosed are the results of analyses for samples received by the laboratory on 06/20/24 11:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 3 3.5-4' (H243644-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 10 3.5-4' (H243644-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 79 3.5-4' (H243644-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 24 4-4.5' (H243644-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 25 4-4.5' (H243644-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 26 4-4.5' (H243644-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 32 4-4.5' (H243644-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 34 4-4.5' (H243644-08)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	211	106	200	1.86	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	211	105	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 36 4-4.5' (H243644-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>93.8</i>	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 41 4-4.5' (H243644-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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\*=Accredited Analyte

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

# Sample ID: G - 42 3.5-4' (H243644-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 43 3.5-4' (H243644-12)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 50 3.5-4' (H243644-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 51 4-4.5' (H243644-14)

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	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/24/2024	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	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	75.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 52 4-4.5' (H243644-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 57 4-4.5' (H243644-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	75.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

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Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 58 4-4.5' (H243644-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 64 4-4.5' (H243644-18)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2024	ND	1.93	96.5	2.00	8.93	
Toluene*	<0.050	0.050	06/24/2024	ND	1.91	95.6	2.00	3.82	
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.87	93.3	2.00	1.54	
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.55	92.4	6.00	1.68	
Total BTEX	<0.300	0.300	06/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	70.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

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Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 66 4-4.5' (H243644-19)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 69 4-4.5' (H243644-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 70 3.5-4' (H243644-21)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 72 3.5-4' (H243644-22)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 73 3.5-4' (H243644-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 74 4-4.5' (H243644-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>98.3</i>	% 49.1-14	8						

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 77 4-4.5' (H243644-25)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 78 4-4.5' (H243644-26)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 80 4-4.5' (H243644-27)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 1 5-5.5' (H243644-28)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	192	96.1	200	2.99	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	180	90.1	200	0.326	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	76.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 2 5-5.5' (H243644-29)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 5 5-5.5' (H243644-30)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/24/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 6 5-5.5' (H243644-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

#### Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 12 5-5.5' (H243644-32)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 8 6-6.5' (H243644-33)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 13 6-6.5' (H243644-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 15 6-6.5' (H243644-35)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 16 6-6.5' (H243644-36)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

## Sample ID: G - 17 6-6.5' (H243644-37)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 20 6-6.5' (H243644-38)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	2.08	104	2.00	3.71	
Toluene*	<0.050	0.050	06/25/2024	ND	2.18	109	2.00	3.75	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	2.17	108	2.00	3.94	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	6.71	112	6.00	3.56	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 65 6-6.5' (H243644-39)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 59 6.5-6.75' (H243644-40)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 62 6.5-6.75' (H243644-41)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 49.1-14	8						

#### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 30 8-8.5' (H243644-42)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 31 8-8.5' (H243644-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 39 8-8.5' (H243644-44)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 40 8-8.5' (H243644-45)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 49 8-8.5' (H243644-46)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: G - 56 8-8.5' (H243644-47)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: SW - 1 A 0-4' (H243644-48)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	180	90.1	200	2.09	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	167	83.4	200	18.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: SW - 10 A 0-4' (H243644-49)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

### Sample ID: SW - 18 0-5' (H243644-50)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2024	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.1	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

#### Sample ID: SW - 19 0-5' (H243644-51)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/24/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

#### Sample ID: SW - 20 0-5' (H243644-52)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

#### Sample ID: SW - 21 0-5' (H243644-53)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

#### Sample ID: SW - 11 A 0-6' (H243644-54)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

#### Sample ID: SW - 4 A 0-6.5' (H243644-55)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	76.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2024	Sampling Date:	06/19/2024
Reported:	06/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB 2	Sampling Condition:	Cool & Intact
Project Number:	248740	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO., NM		

#### Sample ID: SW - 5 A 0-6.5' (H243644-56)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2024	ND	1.97	98.6	2.00	0.141	
Toluene*	<0.050	0.050	06/25/2024	ND	1.91	95.5	2.00	0.434	
Ethylbenzene*	<0.050	0.050	06/25/2024	ND	1.93	96.6	2.00	0.341	
Total Xylenes*	<0.150	0.150	06/25/2024	ND	5.67	94.4	6.00	0.179	
Total BTEX	<0.300	0.300	06/25/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	181	90.4	200	2.70	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	183	91.3	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

e e tion	Depth (ft 3.5-4 4-4.5	2159       2159       Uraninite 32 CTB 2       248740       Eddy County, NM       Clayton T, Kenny H       21276956       Temp Blank:       Yes< No       Yes< No       Yes       56       bgs)       Date       If       6/19/2024       Y       6/19/2024	Thermometer ID: Correction Factor Time Sc Corrected Temperature Rea Corrected Temperature Rea Co	Email:       Turn       Image: Constant       Image: Constant       Image: Constant       Time       Soil       Time       X       X	Address:       Email:     esessums@ntqlobal.com       Turn Around     Pres.       Vue Date:     Rush     Code       Jab, if received by 4:30pm     Pres.     Code       Wet Ice:     /Yes No     Pres.       actor:     -71.6 °     Pres.       actor:     -71.6 °     Pres.       Soil     Water     Grab     # of       X     Grab     1     1       X     Grab     1     1	1 1 1 Cont Parameters Contest	X X X BTEX 8021B	× × × × TPH 8015M (GRO + DRO + MRO)	×         ×         ×         Chloride 4500           I         I         I         I	ANALYSIS REQUEST	EQUEST	State of Project: Reporting:Level IILevel II Deliverables: EDD		None Cool HcLL H <sub>2</sub> S0 H <sub>3</sub> PC Na <sub>2</sub> S Zn A NaOI	AUST       TRRP       Level IV         Preservative Codes         None: NO       DI Water. H <sub>2</sub> O         Cool: Cool       MeOH: Me         HCL. HC       HNO <sub>3</sub> : HN         H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na         H <sub>3</sub> PO <sub>4</sub> : HP       NaOH: Na         NaHSO <sub>4</sub> : NABIS       NaOH: NA         NaLSS <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn         Zn Acetate+NaOH: Zn       NaOH+Ascorbic Acid: SAPC         Sample Comments       Sample Comments
Identification	Depth (ft bgs)	Date	Time	Soil	-			TP						Sample	Comments
	3.5-4"	6/19/2024		×	Grat	$\square$	×	+	×						
	3.5-4"	6/19/2024		×	Grat	+	× ;	+		+	+	+	+	+	
	4-4.5	6/19/2024		×	Grat		×	$\vdash$	^				_	+	
G-25	4-4.5	6/19/2024		< ×	Grab		××	-	×						
	4-4.5	6/19/2024		× >	Grab		××	× ×	××						
G-34	4-4.5'	6/19/2024		×	Grab	-	×	×	×		-	-	+		
G-36 G-41	4-4.5 <sup>°</sup>	6/19/2024 6/19/2024		××	Grab		××	××	××						
Additio	Additional Comments:	n											-	-	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors 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 a 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	nature 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 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 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.	ishment of samples and applied to each p	les constitute shall not ass roject and a c	s a valid purchase ume any responsi harge of \$5 for ea	nent of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and cond samples and shall not assume any responsibility for any losses or expense incurred by the client if such losses are due to circumstances beyond the c lied 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	company to s or expense ed to Xenco	Xenco, its es incurred , but not a	affiliates ( by the cli nalyzed. T	nd subcontractors ent if such losses ; hese terms will be	<ol> <li>It assigns standard terms and conditions are due to circumstances beyond the contro enforced unless previously negotiated.</li> </ol>	ard terms and c tances beyond t reviously negotia	onditions he control ited.			
Refinquished by:	(Signature)	da	Received by:	by: (Signeture	and the	6-2	Date/Time	me ////	Relinquia	Relinquished by: (Signature)	ature)	Received by: (Signature)	y: (Signa	ature)	Date/Time
						t			4						

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Project Manager. Et Company Name: N Address: 20 Address: 20 City, State ZIP: C: Phone: 43 Project Number. 43	TT 432-701-	ntal 11 11 11 11 11, Kenny 11, Kenny 11, Kenny 11, Kenny 11, Kenny	2 2 2 8 0 1 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Email: Turr Routine Due Date: TAT starts the lab, if rece Wet Ice:	Bill to: (if different)       Company Name:       Address:       Address:       City, State ZIP:       Email:       esessums@ntqlobal.com       Turn Around       Turn Around       Turn Around       Turn Around       Due Date:       Lab, if received by 4:30pm       Lab, if received by 4:30pm       VWet Ice:       Vet Ice:	arameters Contraction of the second s	(8021B	( 8021B RO + DRO + MRO)	
ocation s Name:	Edd	y County, NA on T, Kenny 21276956	ΤA	Due Date: TAT starts the lab, if rece	day received by th			+ MRO)	
SAMPLE RECEIP Received Intact.	-	np Blank	Yes No Wet Thermometer ID:	Wet Ice: eter ID:		Parameter	X 8021B	RO + DRO ·	ride 4500
Sample Custody Seals Total Containers:	71		Temperat Corrected	Temperature Reading: Corrected Temperature:	-7.62		вт	8015M (	Chl
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water Comp	p Cont		ТРН	
G-42	3.5-4	6/19/2024		×	Grab	-	×	×	×
G-50	3.5-4	6/19/2024		××	Grab		< ×	< ×	×
G-51	4-4.5	6/19/2024		×	Grab	+	×	×	×
G-52	4-4.5	6/19/2024		×	Grab		×	×	×
G-58	4-4.5	6/19/2024		× >	Grab		× >	× >	××
G-64	4-4.5	6/19/2024		×	Grab	1	×	×	×
G-66	4-4.5	6/19/2024		×	Grab	1	×	×	×
G-69	4-4.5'	6/19/2024		×	Grab	1	×	×	×
Addition	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 contro of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	nature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract 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 loss 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	uishment of sam st of samples an applied to each	ples constitut d shall not as project and a	es a valid purchas sume any respons charge of \$5 for e	e order from client ibility for any losse ach sample submitt	company to s or expens ted to Xenco	Xenco, it es incurre ), but not :	s affiliate d by the analyzed.	s and su client if a These t
Relinquished by: (Signature)	(Signature)		Received by:	1 by: (Signatu	a fat	6.2	Date/Time	ime	0
			and a second	,	1	1			4

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Project Manager. E	Ethan Sessums	S			Bill to; (if different)		Dale Woodall	loodall		Wort	Work Order Comments	Page 3 of
	NTG Environmental	lental			Company Name	~	Devon			Program: UST/PST PRP Brownfields PRC	Brownfields	RRC Dunerfund
	209 W McKay St	St			Address:					State of Project:	Groning	
City, State ZIP: 0	Carlsbad, NM 88220	88220			City, State ZIP:					Reporting:Level II Level III	PST/UST	
Phone: 4	432-701-2159			Email:	esessums@ntglobal.com	global.co	з			Deliverables: EDD	ADaPT	
Project Name:	Urani	Uraninite 32 CTB 2		Turn	Turn Around				ANALYSIS REQUEST	QUEST	Pn	Preservative Codes
Project Number:		248740		✓ Routine	Rush	Pres. Code		-			None: NO	NO DI Water: H-O
Project Location	Eddy	Eddy County, NM		Due Date:				-			Cool: Cool	
Sampler's Name:	Clayto	Clayton T, Kenny H		TAT starts the day received by	day received by the	*	_	RO)			HCL HC	
PO#		21276956		lab, if receiv	lab, if received by 4:30pm			+ M			H,S0.: H,	
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	ieter	в				H.PO. HP	U
Received Intact:		No	Thermometer ID:	ter ID:	2	ram	8021					NaHSO - NARIS
Cooler Custody Seals:	Yes	NO NIA	Correction Factor	Factor		Pa	TEX	GR			HOL Na <sub>2</sub> S <sub>2</sub> O	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
Sample Custody Seals	Tes Yes	NO NA	Temperature Reading:	re Reading:	-7.62		B	-			Zn Aceta	Zn Acetate+NaOH: Zn
i ulai contaitiers.		8	Corrected	Corrected Lemperature:				H 80			NaOH+/	NaOH+Ascorbic Acid: SAPC
Sample I Identification	Depth (ft bgs)	Date	Time	Soil	Water Grab/ Comp	# of Cont		TPI			Sa	Sample Comments
G-70	3.5-4'	6/19/2024		×	Grab	-	×	××				
G-72	3.5-4"	6/19/2024		×	Grab	-	×	××				
G-73	3.5-4"	6/19/2024		×	Grab	-	×	-			+	
G-74	4-4.5	6/19/2024		×	Grab	-	×	××			+	
G-77	4-4.5'	6/19/2024		×	Grab	1	×	××			-	
G-78	4-4.5	6/19/2024		×	Grab	-	×	××				
G-80	4-4.5	6/19/2024		×	Grab	-	×	××				
G-1	5-5.5'	6/19/2024		×	Grab	1	×	+				
G-2	5-5.5'	6/19/2024		×	Grab	1	×	××				
G-5	5-5.5'	6/19/2024		×	Grab	-	×	-			-	
Addition	Additional Comments:									•		
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## **REJECTED REPORT**

Release Response Action Completion & Closure Report Incident ID No. nAPP2400253283 Devon Energy Production Company, LP Uraninite 32 CTB-2 Produced Water Release Discovery Date: January 2, 2024 Eddy County, New Mexico

> Prepared for: Devon Energy Production Company, LP 333 West Sheridan Ave. Oklahoma City, OK 73102

> > **Prepared By:**

Altamira-US Bryan Haney, P.G. TX 929 Corpus Christi, Texas 78418 (361)658-3126

March 21, 2024



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### **ACRONYMS AND ABBREVIATIONS**

- Altamira Altamira-US, LLC
- Devon Devon Energy Production Company, LP
- bgs below ground surface
- mg/Kg milligram per kilogram
- NMOCD New Mexico Oil Conservation District
- TPH Total Petroleum Hydrocarbons
- BTEX Benzene, Toluene, Ethylbenzene, Xylenes

### 1.0 INTRODUCTION

Devon Energy Production Company, LP (Devon) (OGRID No. 6137) operate a facility referred as the Uraninite 32 CTB-2 facility located in Section 32, T19S, R29E, in Eddy County, New Mexico. On January 02, 2024, at approximately 09:30 am, field personnel for Devon discovered a release of produced water associated with a produced water line flange at latitude 32°37'2.5968", longitude 104°6'15.8184' (Figure 1 and Figure 2). This Release Response Action & Closure Report has been prepared to document initial response actions, remediation, and site closure efforts.

### 1.1 Release Details and Initial Response

On January 02, 2024, at approximately 09:30 am, Devon personnel identified a release of produced water from a polyethylene line flange on the discharge of a transfer pump. Approximately 8.48 total barrels of produced water released into the facility tank containment and on the adjacent pad. The release was contained to the lined secondary containment and to the immediate operation pad area and did not affect off-pad areas. Upon discovery of the release, Devon was able to shut in flow to the line. The release affected an area of approximately 5,082 square feet (**Figure 3**) and was irregular shaped.

Devon estimated approximately 8.48 barrels of produced water were released. An estimated 5.65 barrels within the lined containment and approximately 2.83 barrels on the adjacent pad area. The produced water within the lined containment was able to be recovered using vacuum trucks. The release volume was estimated based on the approximate dimensions of the surface release area and an estimated depth of 0.25 feet below ground surface.

### 1.2 Notification

Based on the quantity of fluid released being less than 25 barrels, the release was determined to be a minor release per 19.15.29.1.B NMAC. The Notification of Release was submitted to the NMOCD on January 2, 2024. The OCD issued incident ID# nAPP2400253283. Agency correspondence and notifications are provided in **Appendix A**.

### 1.3 **Project Objectives**

The project objectives were to: 1) conduct initial release cleanup efforts, 2) conduct containment liner inspection 3) physically remove affected soil containing constituent concentrations that exceed the NMOCD cleanup levels, and 4) restore and reclaim the remediated areas.

### 1.4 Regulatory Framework

The Site is subject to environmental regulatory oversight by the NMOCD. Notification, assessment, and response action activities were conducted in accordance with guidelines outlined in 19.15.29 NMAC. The Site is located on property owned by the State of New Mexico.

### 2.0 STANDARD OF CARE, LIMITATIONS, & RELIANCE

### 2.1 Standard of Care

Altamira's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same period of time. Altamira makes no warranties, expressed or implied, as to the services performed hereunder. Additionally, Altamira does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report.

### 2.2 Additional Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Altamira cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this scope of services. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Altamira's findings and recommendations are based solely upon data available to Altamira at the time of these services.

### 3.0 RECEPTOR AND WATER SOURCES SURVEY

The Site is located within an active oil and gas operating field. Based on visual survey and review of area maps, there are no sensitive receptors in the vicinity of the Site.

### 3.1 Wellhead Protection Discussion

During assessment field activities, Altamira field personnel conducted a 0.5-mile radius search of the surrounding area to determine the presence of any known private or domestic water sources. During the search, no water wells or springs were identified within 0.5 miles of the release area. Altamira also reviewed available maps, satellite imagery, and reviewed the New Mexico Office of the State Engineers GIS database to search for known water wells. In review of the State Engineers GIS database, no water wells, monitoring wells or other subsurface water conveyances were identified within 0.5 miles of the release area.

Based on review of the FEMA Flood Map for the site area, the release area is located in Zone X "Area of Minimal Flood Hazard" (FIRM Panel 35015C0850D).

### 3.2 Significant Water Source Discussion

Altamira conducted a review of the significant watercourses nearest the release area. The Pecos River and Lake Avalon are located approximately 11.5 miles southwest of the Site. The release did not result in any adverse effects to the Pecos River or Lake Avalon. No other watercourses were identified within a 0.5-mile radius of the release area.

### 3.3 Determination of Depth to Groundwater

Depth to groundwater in the Site vicinity, based on water wells located approximately one mile from the Site indicate groundwater is encountered at depths greater than 51 feet below ground surface. A review of karst topography for the Site area revealed the Site resides on suspected high karst geology. Based on the high karst characterization, a site-specific depth to groundwater study was not conducted. Based on site-specific characteristics analytical data are compared to Closure Criteria for groundwater encountered at depths less than 50 feet below ground surface.

### 4.0 CONTAINMENT LINER INSPECTION

As mentioned in Section 1, an estimated 5.65 barrels of produced water was released into the lined containment area. The produced water was removed from the containment and allowed to dry. An initial visual inspection was conducted to determine any possible vulnerabilities in the liner. Altamira and Devon provided notification to the NMOCD through the online portal on January 11, 2024, regarding the intent to conduct a formal liner inspection at the Site. The formal liner inspection was conducted on January 17, 2024, at approximately 09:05am. The containment is constructed of steel berm walls sealed with a black polyethylene liner. The containment measured 104' x 61' x 2.83' in height. Visual inspection of the perimeter of the liner was conducted first, followed by inspection of the liner floor, and connections at features within the containment. No tears, rips, or holes were identified during the inspection. Photographic documentation is included in **Appendix B**. Documentation associated with the liner inspection is included in **Appendix D**.

### 5.0 REMEDIATION

Based on the volume of the release (minor – estimated 8.48-barrels), Devon determined the best course of action was to conduct limited delineation of constituents and move directly to remediation of the affected soil located on the Uraninite 32 CTB-2 pad. Affected soil remediation was conducted between February 14 through March 7, 2024. Affected soil was excavated or hydro-excavated and loaded into trucks for transport and disposal at the R360 Environmental Solutions, LLC – Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66 between Carlsbad and Hobbs, New Mexico. Confirmation soil sampling was conducted to determine the effectiveness of soil remediation efforts. Details regarding the affected soil remediation and post excavation confirmation soil sampling are provided below. Site photographs are provided in **Appendix B**. Field documentation is provided in **Appendix C**.

### 5.1 Confirmation Soil Sampling and Analysis Plan

Confirmation soil samples collected post excavation were analyzed by Cardinal Laboratories in Hobbs, New Mexico, accredited by the National Environmental Laboratory Accreditation Program (NELAP) for environmental sample analysis requirements. The sampling program and laboratory methods used for the analysis for the project are listed in the following table. Altamira utilized the Oil Conservation Commission guidance and regulations under Title 19,

Chapter 15, Part 29 to address the release and constituents of concern. The executed chain-ofcustody documents and laboratory reports are provided in **Appendix E.** 

	Anglugia	Loboratory, Mathad
Sample Type	Analysis	Laboratory Method
Soil	Total Petroleum Hydrocarbons (TPH)	8015M
Soil	Benzene, Toluene, Ethylbenzene, Xylenes	8260B
Soil	Chlorides	4500-CI-B

### 5.2 Soil Remediation Activities

Altamira and Devon provided notification to the OCD through the online portal **(Appendix A)** on February 12, 2024, regarding the intent to conduct soil remediation and confirmation soil sampling at the Uraninite 32 CTB-2 release area.

During middle February through early March 2024, Devon conducted soil remediation and reclamation activities at the release Site associated with the Uraninite 32 CTB-2 facility. The visible release footprint was irregular shaped and was contained within the active pad area located near the east portion of the pad (Figure 3). A GPS grade survey system was used to identify the approximate boundary of the release area in relation to the facility pad area and active equipment and pipelines. A grid system was established to identify the excavation areas and 200-square foot confirmation soil sample grid areas. The excavation and sample grids were identified and marked using GPS and are depicted on Figure 4. The sample grids were assigned a unique grid ID that coordinates to the analytical data table and figure. The Site consists of a caliche base material on the surface underlain by native reddish silty sand with minor amounts of calcite.

Centrex Limited was contracted by Devon to conduct the soil excavation, loading, hauling, and backfill. Affected mechanical soil excavation and hydro-excavation began on February 14, 2024, and continued through March 7, 2024. Excavated soil was either stockpiled or direct loaded to trucks. Water and saturated soils derived from hydro-excavation were placed into a plastic lined and bermed area and allowed to mix and dry prior to transport and disposal. Soil within each grid was initially excavated until visual signs of moisture were no longer observed. Grids located north and to the northeast of the point of release appeared more impacted and were excavated and sampled at deeper intervals. Following excavation at each grid, confirmation soil samples were collected and submitted to Cardinal Laboratories for analysis. Based on initial analytical data results, the excavation area was extended vertically and laterally until each grid floor and each side-wall exhibited TPH, BTEX, and chloride concentrations less than the respective Closure Criteria levels.

Confirmation soil samples were collected within each 200 square foot grid and consisted of a 5-point composite sample (generally one from the center and one outward near each corner area).

Confirmation soil samples were initially analyzed for chlorides, TPH, and BTEX as described in section 5.1 of this report. Analytical results for each confirmation grid sample were evaluated to the most stringent criteria per *Table I – Closure Criteria for Soils Impacted by a Release*. Analytical data results are presented on **Table 1**. If analytical data results showed a chemical constituent exceeded the Closure Criteria Level, soil in that particular grid or sidewall area was further excavated and resampled. Laboratory analysis for soil samples for grids that were further excavated were only analyzed for those chemical constituents that previously exceeded the Closure Criteria Level in the previous depth interval. This process continued until the concentration of all targeted chemical constituents were below the respective Closure Criteria Levels.

### 5.3 Waste Management

As described above, affected soil associated with the release was transported to the R360 Environmental Solutions, LLC – Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66 between Carlsbad and Hobbs, New Mexico. A New Mexico Non-Hazardous Oilfield Waste Manifest was prepared for each truck load of soil material. Approximately 1,786 cubic yards of affected soil were transported to the R360 facility for final disposal.

### 6.0 DATA RESULTS & EVALUATION

Altamira utilized guidance from 19.15.29 NMAC, specifically *Table I - Closure Criteria for Soils Impacted by a Release* to assess soil sample analytical data collected at the Site. The most stringent closure criteria action levels were utilized to evaluate analytical results for remediation and site closure. Analytical results are provided in **Table 1** and Laboratory Analytical Data Reports are provided in **Appendix E**.

As previously described, work and confirmation soil sample grids were measured and marked on 200 square foot or less grids. The overall grid area was setup in a conservative manner so that grids included known and suspected affected soil areas, but also overlapped into known unaffected soil areas. Side-walls were set up so that each side-wall was within the 200 square foot requirement. The remediation area and associated sample grids are depicted on **Figure 4**. **Figure 4** depicts grids and side-walls highlighted with a green color that indicates the soil data for that grid met appliable Closure Criteria.

### 6.1 Confirmation Soil Sampling Results

### 6.1.1 Chlorides

Initial analytical results for chlorides exceeded 600 mg/kg in various soil samples from one foot to depths of 6.5-feet below ground surface. Vertical delineation of chlorides varied in depth with the deepest grid area being 8-feet below ground surface. Analytical data show that much of the chloride impacts at depth were present near the point-of-release, central portion of the release area, and along the northern portion of the release area. Evaluation of chloride concentrations showed attenuation of chlorides with depth. With chlorides being the predominate constituent of concern, excavation of affected soil continued in depth until chloride concentrations were detected below 600 mg/kg. Since the excavation was extended in each direction beyond the physical

indications of the release, chloride concentrations on the side-walls demonstrated concentrations less than 600 mg/kg. **Remediation of chlorides in soil has been completed.** 

### 6.1.2 TPH

TPH was analyzed on all initial confirmation soil samples. TPH was detected only in confirmation soil sample G15 (4-4.5') in the >610-C28 range at a concentration of 16.3 mg/kg. TPH concentrations for all other post excavation confirmation soil samples were not detected above the laboratory reporting limit. **Remediation of TPH in soil has been completed.** 

### 5.1.3 BTEX

BTEX was analyzed on all initial confirmation soil samples. For the purpose of assessment and in accordance with regulatory guidance, benzene and total BTEX concentrations were compared to an assessment level of 10 mg/kg and 50 mg/kg, respectively. Analytical results for all grid and side-wall samples showed benzene and BTEX concentrations were not detected above the laboratory reporting limit. **Remediation of BTEX in soil has been completed.** 

### 6.2 Final Data Evaluation

As described above, the known and probable affected soil areas were marked within 200 square foot grids for excavation and confirmation soil sampling. Following excavation activities to remove affected soil, confirmation soil samples were collected per the NMAC guidelines. Analytical data demonstrate remediation efforts were successful. Final concentrations of chlorides, TPH, and BTEX were either not detected above the laboratory reporting limit (non-detect), or if detected were below all applicable NMOCD Closure Criteria. As a result, no further response or remediation action is necessary.

### 7.0 RESTORATION, RECLAMATION & RE-VEGETATION

### 7.1 Restoration and Reclamation Activities

The release occurred and is confined entirely on the active operational pad area. Following remediation activities, the excavated area was restored to its original condition. The excavated area from approximately 1-foot to the total depth of the excavation was backfilled using native topsoil (similar to existing silty-sandy very fine-grained soil) from a nearby native soil borrow source. Prior to use, the native borrow soil was sampled at four locations. The four soil samples were analyzed for TPH, BTEX and chlorides. Analytical results show chloride concentrations were well below 600 mg/kg, and TPH and BTEX were not detected above the laboratory reporting limit **(Table 2)**. The upper 1-foot of the excavated area was backfilled with caliche material to reestablish the active operational pad area. Following placement and compaction of the new native topsoil and caliche pad material, the area was graded and contoured to match the original topography of the Site pad area.

Routine inspection of the Uraninite 32 CTB-2 area has not revealed any erosion of the restored pad. Since this is an active operational pad area, vegetation of this remediated area will not be conducted at this time. Restoration and reclamation efforts are considered complete.

### 8.0 CONCLUSIONS

On January 2, 2024, Devon personnel identified a release of produced water from a polyethylene line flange on the discharge of a transfer pump. Approximately 8.48 total barrels of produced water released into the facility tank containment and on the adjacent pad. The release was contained to the lined secondary containment and to the immediate operation pad area and did not affect off-pad areas. Devon estimated approximately 8.48 barrels of produced water were released. An estimated 5.65 barrels within the lined containment and approximately 2.83 barrels on the adjacent pad area. The produced water within the lined containment was able to be recovered using vacuum trucks.

On January 17, 2024, an inspection of the containment liner was conducted (with proper notification to the NMOCD).

During February 14 through March 7, 2024 Devon conducted remediation efforts to remove affected soil and restore the release area to pre-release conditions.

Analytical data results for post excavation confirmation soil validate the completion of affected soil removal from the release area.

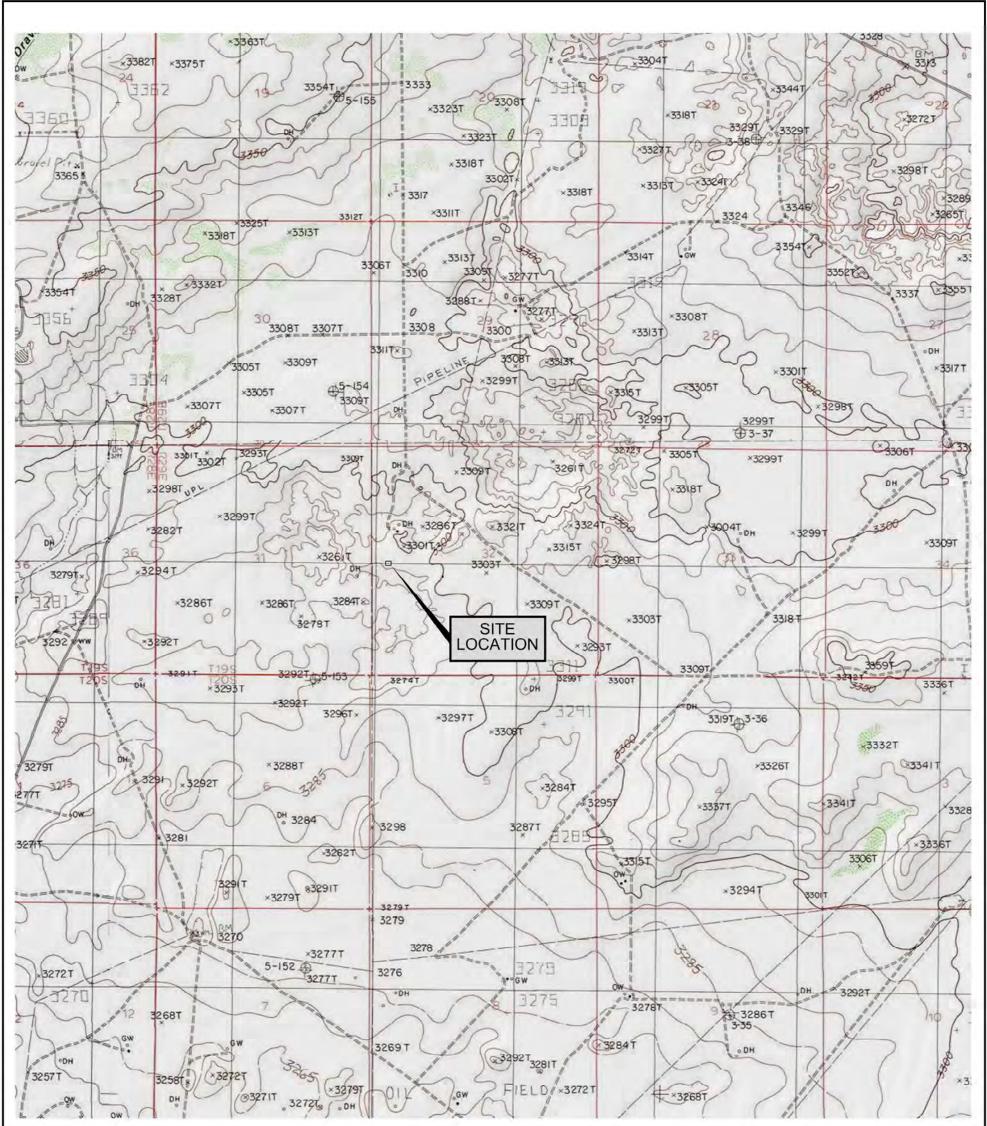
- Release occurred entirely on the active operational pad area.
- Inspection of the containment liner revealed no holes, tears, cuts or deficiencies.
- Excavation floor and sidewall samples were collected per NMOCD guidance.
- Soil on-site (on-pad) has been remediated to chloride levels less than 600 mg/kg.
- TPH and BTEX were not detected above the laboratory reporting limits.
- Reclamation and restoration efforts have been completed.
- No further response action/remediation is necessary for this release Site.
- Devon would respectfully like to request regulatory closure for Incident ID: nAPP2400253283.



FIGURES

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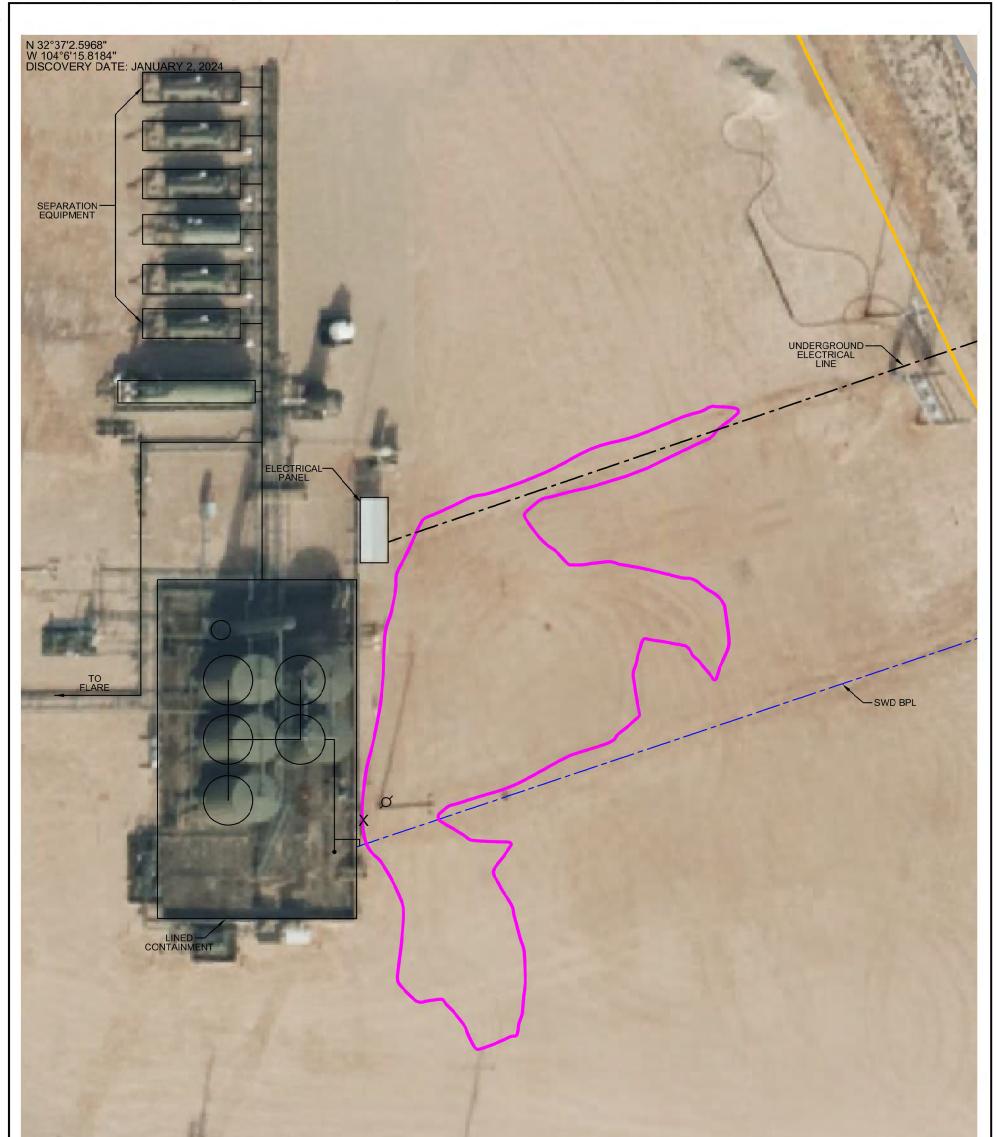
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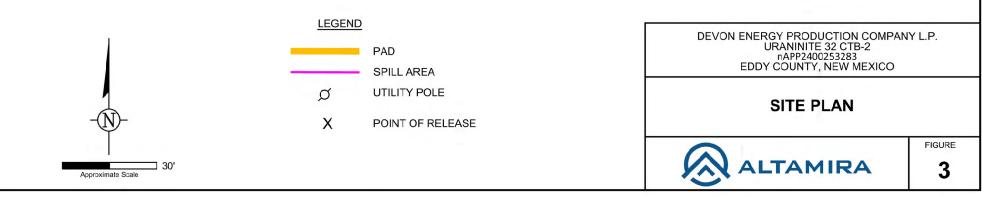




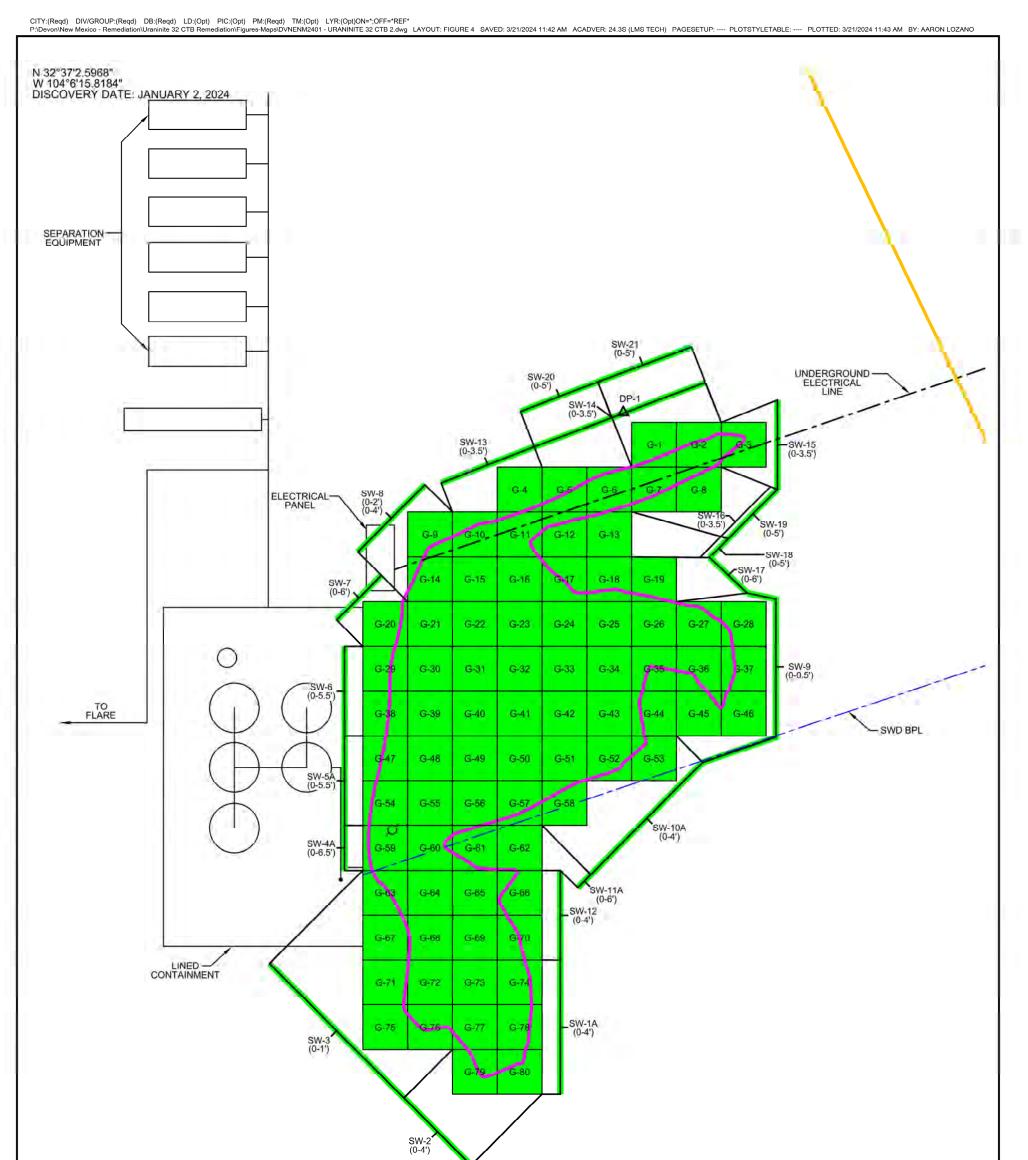
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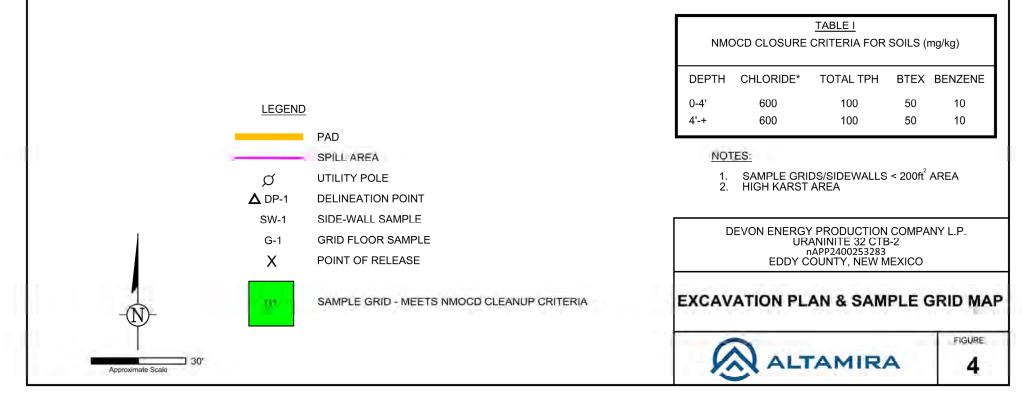




 TABLE 1

 Analytical Data Results Summary – Post Excavation Soil Samples (mg/kg)

### Confirmation Soil Samples (mg/kg) Devon Energy - Uraninite 32 CTB-2 Produced Water Release Incident ID: nAPP2400253283

Near Carlsbad, Eddy County, New Mexico

Analyte Method	Onitonia (O. 41)	Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
Table I - Closure ( Table I - Closure (		600 600	50 50	10 10	-	-	-	100 100
Sample ID	Sample Date							
G1 (2-2.5')	2/16/2024	816	<0.300	<0.050	<10	<10	<10	<10
G1 (3.5-4')	2/21/2024	1,200	-	-	-	-	-	-
G1 (5-5.5')	3/4/2024	192	-	-	-	-	-	-
G2 (2-2.5')	2/16/2024	1,580	<0.300	<0.050	<10	<10	<10	<10
G2 (3.5-4')	2/21/2024	1,400	-	-	-	-	-	-
G2 (5-5.5')	3/4/2024	192	-	-	-	-	-	-
G3 (2-2.5')	2/16/2024	5,840	<0.300	<0.050	<10	<10	<10	<10
	2/16/2024	5,840		<0.050			-	
G3 (3.5-4')	2/21/2024	512	-	-	-	-	-	-
G4 (2-2.5')	2/15/2024	352	<0.300	<0.050	<10	<10	<10	<10
G5 (2-2.5')	2/15/2024	1,250	<0.300	<0.050	<10	<10	<10	<10
G5 (3.5-4')	2/21/2024	1,390	-	-	-	-	-	-
G5 (5-5.5')	3/4/2024	160	-	-	-	-	-	-
G6 (2-2.5')	2/16/2024	1,170	<0.300	<0.050	<10	<10	<10	<10
G6 (3.5-4')	2/21/2024	2,120	-	-	-	-	-	-
G6 (5-5.5')	3/4/2024	32	-	-	-	-	-	-
G7 (2-2.5')	2/16/2024	592	<0.300	<0.050	<10	<10	<10	<10
G8 (2-2.5')	2/16/2024	1,180	<0.300	<0.050	<10	<10	<10	<10
G8 (3.5-4')	2/21/2024	2,040	-	-	-	-	-	-
G8 (5-5.5')	3/4/2024	1,100	-	-	-	-	-	-
G8 (6-6.5')	3/7/2024	112	-	-	_	-	-	-
G9 (2-2.5')	2/15/2024	160	<0.300	<0.050	<10	<10	<10	<10
G10 (2-2.5')	2/15/2024	816	<0.300	<0.050	<10	<10	<10	<10
G10 (3.5-4')	2/20/2024	352	-	-	-	-	-	-
G11 (2-2.5')	2/15/2024	544	<0.300	<0.050	<10	<10	<10	<10
			-0.000	-0.000				10

#### Analytical Data Summary -Confirmation Soil Samples (mg/kg) Devon Energy - Uraninite 32 CTB-2 Produced Water Release Incident ID: nAPP2400253283 Near Carlsbad, Eddy County, New Mexico

Analyte Method Table I - Closure Criteria (0-4') Table I - Closure Criteria (below 4')		Chloride 4500-CI-B 600	BTEX 8021B 50	Benzene 8021B 10	TPH (C6-C10) 8015M -	TPH (>C10-28) 8015M -	TPH (>C28-36) 8015M -	TPH 8015M 100
		600	50	10	-	-	-	100
Sample ID	Sample Date							
G12 (2-2.5')	2/15/2024	976	<0.300	<0.050	<10	<10	<10	<10
G12 (3.5-4')	2/20/2024	1,090	-	-	-	-	-	-
G12 (5-5.5')	3/4/2024	320	-	-	-	-	-	-
G13 (2-2.5')	2/16/2024	7,000	<0.300	<0.050	<10	<10	<10	<10
G13 (3.5-4')	2/20/2024	2,520	-	-	-	-	-	-
G13 (5-5.5')	3/4/2024	992	-	-	-	-	-	-
G13 (6-6.5')	3/7/2024	64	-	-	-	-	-	-
G14 (4-4.5')	2/14/2024	352	<0.300	<0.050	<10	<10	<10	<10
G15 (4-4.5')	2/14/2024	976	<0.300	<0.050	<10	16.3	<10	16.3
G15 (6-6.5')	2/19/2024	416	-	-	-	-	-	-
G16 (4-4.5')	2/14/2024	2,210	<0.300	<0.050	<10	<10	<10	<10
G16 (6-6.5')	2/19/2024	336	-	-	-	-	-	-
G17 (1-1.5')	2/14/2024	608	<0.300	<0.050	<10	<10	<10	<10
G17 (6-6.5')	2/19/2024	224	-	-	-	-	-	-
G18 (1-1.5')	2/16/2024	144	<0.300	<0.050	<10	<10	<10	<10
G19 (6-8")	2/16/2024	112	<0.300	<0.050	<10	<10	<10	<10
000 (4 4 51)	0/45/0004	2.000	0.000	0.050	40	10	40	40
G20 (4-4.5') G20 (6-6.5')	2/15/2024	3,960 336	<0.300	<0.050	<10	<10	<10 -	<10 -
G21 (4-4.5')	2/14/2024	176	<0.300	<0.050	<10	<10	<10	<10
C22 (4 4 51)	2/44/2024	226	~0.200	<0.050	-10	-10	-10	-10
G22 (4-4.5')	2/14/2024	336	<0.300	<0.050	<10	<10	<10	<10
G23 (4-4.5')	2/14/2024	480	<0.300	<0.050	<10	<10	<10	<10
G24 (1-1.5')	2/14/2024	2,800	<0.300	<0.050	<10	<10	<10	<10
G24 (1-1.5) G24 (4-4.5')	2/20/2024	128	-	-	-	-	-	-

#### Analytical Data Summary -Confirmation Soil Samples (mg/kg) Devon Energy - Uraninite 32 CTB-2 Produced Water Release Incident ID: nAPP2400253283 Near Carlsbad, Eddy County, New Mexico

Analyte Method Table I - Closure Criteria (0-4') Table I - Closure Criteria (below 4')		Chloride 4500-Cl-B 600 600	BTEX 8021B 50 50	Benzene 8021B 10 10	TPH (C6-C10) 8015M - -	TPH (>C10-28) 8015M - -	TPH (>C28-36) 8015M - -	TPH 8015M 100 100
Sample ID	Sample Date							
G25 (1-1.5)	2/14/2024	1,410	<0.300	<0.050	<10	<10	<10	<10
G25 (4-4.5')	2/20/2024	64	-	-	-	-	-	-
G26 (6-8")	2/16/2024	2,400	<0.300	<0.050	<10	<10	<10	<10
G26 (4-4.5')	2/21/2024	240	-	-	-	-	-	-
G27 (6-8")	2/16/2024	432	<0.300	<0.050	<10	<10	<10	<10
G28 (6-8")	2/16/2024	112	<0.300	<0.050	<10	<10	<10	<10
G29 (5.5-6')	2/15/2024	320	<0.300	<0.050	<10	<10	<10	<10
G30 (6-6.5')	2/14/2024	1,300	<0.300	<0.050	<10	<10	<10	<10
G30 (8-8.5')	2/19/2024	560	-	-	-	-	-	-
004 (6 6 El)	2/11/2021	993	-0.200	-0.050	.10	.10	.10	.10
G31 (6-6.5') G31 (8-8.5')	2/14/2024	688 400	<0.300	<0.050	<10	<10 -	<10 -	<10
631 (6-6.3)	2/19/2024	400	-	-	-	-	-	-
G32 (1-1.5')	2/14/2024	4,720	<0.300	<0.050	<10	<10	<10	<10
G32 (4-4.5')	2/19/2024	176	-	-	-	-	-	-
G33 (1-1.5')	2/14/2024	528	<0.300	<0.050	<10	<10	<10	<10
G34 (1-1.5')	2/14/2024	3,800	<0.300	<0.050	<10	<10	<10	<10
G34 (4-4.5')	2/20/2024	144	-	-	-	-	-	-
G35 (6-8")	2/16/2024	176	<0.300	<0.050	<10	<10	<10	<10
G36 (6-8")	2/16/2024	720	<0.300	<0.050	<10	<10	<10	<10
G26 (4-4.5')	2/21/2024	112	-	-	-	-	-	-
G37 (6-8")	2/16/2024	80	<0.300	<0.050	<10	<10	<10	<10
000 (5 5 0)	0/45/222.4		0.000	0.050		10		
G38 (5.5-6')	2/15/2024	288	<0.300	<0.050	<10	<10	<10	<10

#### Analytical Data Summary -Confirmation Soil Samples (mg/kg) Devon Energy - Uraninite 32 CTB-2 Produced Water Release Incident ID: nAPP2400253283 Near Carlsbad, Eddy County, New Mexico

Analyte Method Table I - Closure Criteria (0-4') Table I - Closure Criteria (below 4')		Chloride 4500-Cl-B 600 600	BTEX 8021B 50 50	Benzene 8021B 10 10	TPH (C6-C10) 8015M - -	TPH (>C10-28) 8015M - -	TPH (>C28-36) 8015M - -	TPH 8015M 100 100
Comula ID	Comula Data							
Sample ID	Sample Date							
G39 (6-6.5')	2/14/2024	1,200	<0.300	<0.050	<10	<10	<10	<10
G39 (8-8.5')	2/19/2024	112	-	-	-	-	-	-
G40 (6-6.5')	2/14/2024	3,240	<0.300	<0.050	<10	<10	<10	<10
G40 (8-8.5')	2/19/2024	288	-	-	-	-	-	-
G41 (1-1.5')	2/15/2024	4,480	<0.300	<0.050	<10	<10	<10	<10
G41 (4-4.5')	2/19/2024	144	-	-	-	-	-	-
G42 (1-1.5')	2/15/2024	880	<0.300	<0.050	<10	<10	<10	<10
G42 (4-4.5')	2/19/2024	160	-	-	-	-	-	-
G43 (1-1.5')	2/16/2024	3,080	<0.300	<0.050	<10	<10	<10	<10
G43 (4-4.5')	2/20/2024	144	-	-	-	-	-	-
G44 (1-1.5')	2/16/2024	160	<0.300	<0.050	<10	<10	<10	<10
G45 6-8")	2/16/2024	480	<0.300	<0.050	<10	<10	<10	<10
G46 (6-8")	2/16/2024	384	<0.300	<0.050	<10	<10	<10	<10
G47 (5.5-6')	2/15/2024	400	<0.300	<0.050	<10	<10	<10	<10
G48 (6-6.5')	2/14/2024	416	<0.300	<0.050	<10	<10	<10	<10
G49 (6-6.5')	2/14/2024	1,120	<0.300	<0.050	<10	<10	<10	<10
G49 (8-8.5')	2/19/2024	240	-	-	-	-	-	-
G50 (1-1.5')	2/15/2024	3,360	<0.300	<0.050	<10	<10	<10	<10
G50 (4-4.5')	2/19/2024	272	-	-	-	-	-	-
G51 (1-1.5')	2/15/2024	1,420	<0.300	<0.050	<10	<10	<10	<10
G51 (4-4.5')	2/19/2024	176	-	-	-	-	-	-

### Devon Energy - Uraninite 32 CTB-2 Produced Water Release

Incident ID: nAPP2400253283 Near Carlsbad, Eddy County, New Mexico

Analyte Method Table I - Closure Criteria (0-4')		Chloride 4500-Cl-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (>C10-28) 8015M	TPH (>C28-36) 8015M	TPH 8015M
		600	50	10	-	-	-	100
Table I - Closure C	riteria (below 4')	600	50	10	-	-	-	100
Sample ID	Sample Date							
G52 (1-1.5')	2/16/2024	3,880	<0.300	<0.050	<10	<10	<10	<10
G52 (4-4.5')	2/20/2024	256	-	-	-	-	-	-
G53 (1-1.5')	2/16/2024	304	<0.300	<0.050	<10	<10	<10	<10
G54 (5.5-6')	2/15/2024	432	<0.300	<0.050	<10	<10	<10	<10
G55 (6-6.5')	2/14/2024	416	<0.300	<0.050	<10	<10	<10	<10
G56 (6-6.5')	2/14/2024	1,800	<0.300	<0.050	<10	<10	<10	<10
G56 (8-8.5')	2/19/2024	272	-	-	-	-	-	-
G57 (1-1.5')	2/15/2024	3,080	<0.300	<0.050	<10	<10	<10	<10
G57 (4-4.5')	2/19/2024	416	-	-	-	-	-	-
CE9 (1 1 E1)	2/15/2024	4 160	-0.200	<0.050	<10	<10	<10	<10
G58 (1-1.5') G58 (4-4.5')	2/19/2024	4,160 512	<0.300	-	-	-	-	-
G59 (1-1.5')	2/15/2024	10,300	<0.300	<0.050	<10	<10	<10	<10
G59 (6-6.5')	2/19/2024	624	-	-	-	-	-	-
G59 (6.5-6.75')	2/23/2024	432	-	-	-	-	-	-
G60 (6-6.5')	2/15/2024	480	<0.300	<0.050	<10	<10	<10	<10
G61 (6-6.5')	2/15/2024	272	<0.300	<0.050	<10	<10	<10	<10
000 (4 4 5%	0/15/0001		0.000	0.050				
G62 (1-1.5')	2/15/2024	6,320	<0.300	<0.050	<10	<10	<10	<10
G62 (4-4.5') G62 (6.5-6.75')	2/20/2024 2/23/2024	1,870 272	-	-	-	-	-	-
000 (4 4 7")	0/1=/200		0.005	0.055	10		10	
G63 (1-1.5')	2/15/2024	400	<0.300	<0.050	<10	<10	<10	<10
G64 (1-1.5')	2/15/2024	6,200	<0.300	<0.050	<10	<10	<10	<10
G64 (4-4.5')	2/20/2024	272	-	-	-	-	-	-

### Confirmation Soil Samples (mg/kg) Devon Energy - Uraninite 32 CTB-2 Produced Water Release

Incident ID: nAPP2400253283

Near Carlsbad, Eddy County, New Mexico

Analyte Method Table I - Closure Criteria (0-4') Table I - Closure Criteria (below 4')		Chloride 4500-Cl-B 600	BTEX 8021B 50	Benzene 8021B 10	TPH (C6-C10) 8015M -	TPH (>C10-28) 8015M -	TPH (>C28-36) 8015M -	TPH 8015M 100
Table I - Closure (	Criteria (below 4')	600	50	10	-	-	-	100
Sample ID	Sample Date							
G65 (1-1.5')	2/15/2024	7,300	<0.300	<0.050	<10	<10	<10	<10
G65 (4-4.5')	2/20/2024	528	-	-	-	-	-	-
G66 (1-1.5')	2/15/2024	3,760	<0.300	<0.050	<10	<10	<10	<10
G66 (4-4.5')	2/20/2024	256	-	-	-	-	-	-
G67 (1-1.5')	2/15/2024	112	<0.300	<0.050	<10	<10	<10	<10
G68 (1-1.5')	2/15/2024	416	<0.300	<0.050	<10	<10	<10	<10
G69 (1-1.5')	2/15/2024	5,440	<0.300	<0.050	<10	<10	<10	<10
G69 (4-4.5')	2/20/2024	272	-	-	-	-	-	-
G70 (1-1.5')	2/15/2024	5,440	<0.300	<0.050	<10	<10	<10	<10
G70 (4-4.5')	2/20/2024	128	-	-	-	-	-	-
G-71 (1-1.5')	2/15/2024	240	<0.300	<0.050	<10	<10	<10	<10
G72 (1-1.5')	2/15/2024	4,000	<0.300	<0.050	<10	<10	<10	<10
G72 (4-4.5')	2/19/2024	96	-	-	-	-	-	-
G73 (1-1.5')	2/15/2024	5,280	<0.300	<0.050	<10	<10	<10	<10
G73 (4-4.5')	2/19/2024	112	-	-	-	-	-	-
G74 (1-1.5')	2/15/2024	6,100	<0.300	<0.050	<10	<10	<10	<10
G74 (4-4.5')	2/19/2024	352	-	-	-	-	-	-
G75 (1-1.5')	2/15/2024	464	<0.300	<0.050	<10	<10	<10	<10
G76 (1-1.5')	2/15/2024	544	<0.300	<0.050	<10	<10	<10	<10
G77 (1-1.5')	2/15/2024	4,880	<0.300	<0.050	<10	<10	<10	<10
G77 (4-4.5')	2/19/2024	128	-	-	-	-	-	-
G78 (1-1.5')	2/15/2024	4,880	<0.300	<0.050	<10	<10	<10	<10

### Table 1

### Confirmation Soil Samples (mg/kg) Devon Energy - Uraninite 32 CTB-2 Produced Water Release Incident ID: nAPP2400253283 Near Carlsbad, Eddy County, New Mexico

Analyte Method Table I - Closure Cr Table I - Closure Cr		Chloride 4500-Cl-B 600 600	BTEX 8021B 50 50	Benzene 8021B 10 10	TPH (C6-C10) 8015M - -	TPH (>C10-28) 8015M - -	TPH (>C28-36) 8015M - -	TPH 8015M 100 100
0 1 10								
Sample ID	Sample Date							
G78 (4-4.5')	2/19/2024	240	-	-	-	-	-	-
G79 (1-1.5')	2/15/2024	608	<0.300	<0.050	<10	<10	<10	<10
G79 (3-3.5')	2/19/2024	96	-	-	-	-	-	-
G80 (1-1.5')	2/15/2024	1,580	<0.300	<0.050	<10	<10	<10	<10
G80 (4-4.5')	2/19/2024	144	-	-	-	-	-	-
SW-1 (0-4')	2/22/2024	800	<0.300	<0.050	<10	<10	<10	<10
SW-1A (0-4')	2/23/2024	16	-	-	-	-	-	-
SW-2 (0-4')	2/22/2024	96	<0.300	<0.050	<10	<10	<10	<10
SW-3 (0-1')	2/22/2024	192	<0.300	<0.050	<10	<10	<10	<10
	0/00/0001			0.050	10	10	10	10
SW-4 (0-6.5')	2/26/2024	608 320	<0.300	<0.050	<10 -	<10	<10	<10
SW-4A (0-6.5')	2/21/2024	320	-	-	-	-	-	-
SW-5 (0-5.5')	2/22/2024	608	<0.300	<0.050	<10	<10	<10	<10
SW-5A (0-5.5')	2/23/2024	320	-	-	-	-	-	-
SW-6 (0-5.5')	2/22/2024	464	<0.300	<0.050	<10	<10	<10	<10
SW-7 (0-6')	2/22/2024	304	<0.300	<0.050	<10	<10	<10	<10
SW-8 (0-2', 0-4')	2/22/2024	256	<0.300	<0.050	<10	<10	<10	<10
SW-9 (0-0.5')	2/22/2024	112	<0.300	<0.050	<10	<10	<10	<10
SW-10 (0-4')	2/23/2024	896	<0.300	<0.050	<10	<10	<10	<10
SW-10 (0-4 ) SW-10A (0-4')	2/23/2024	240	-	-	-	-	-	-
SW-11 (0-6') SW-11A (0-6')	2/26/2024 2/27/2024	1,360 304	<0.300	<0.050	<10 -	<10 -	<10 -	<10
3W-11A (U-0 )	2/21/2024	304	-	-	-	-	-	-

## Table 1

### Analytical Data Summary -Confirmation Soil Samples (mg/kg) Devon Energy - Uraninite 32 CTB-2 Produced Water Release Incident ID: nAPP2400253283 Near Carlsbad, Eddy County, New Mexico

Analyte Method Table I - Closure C		Chloride 4500-Cl-B 600	BTEX 8021B 50	Benzene 8021B 10	TPH (C6-C10) 8015M -	TPH (>C10-28) 8015M -	TPH (>C28-36) 8015M -	TPH 8015M 100
Table I - Closure C	riteria (below 4')	600	50	10	-	-	-	100
Sample ID	Sample Date							
SW-12 (0-4')	2/23/2024	48	<0.300	<0.050	<10	<10	<10	<10
SW-13 (0-3.5')	2/26/2024	192	<0.300	<0.050	<10	<10	<10	<10
SW-14 (0-3.5')	2/26/2024	176	<0.300	<0.050	<10	<10	<10	<10
	S	ide-wall over-exe	cvated and res	sampled as SV	V-20 (0-5') and SV	V-21 (0-5')		
SW-15 (0-3.5')	2/26/2024	224	<0.300	<0.050	<10	<10	<10	<10
SW-16 (0-3.5')	2/26/2024	1,880	< 0.300	<0.050	<10 V-18 (0-5') and SV	<10	<10	<10
					V-10 (0-5 ) and 5V	-13(0-3)		
SW-17 (0-6')	2/28/2024	192	<0.300	<0.050	<10	<10	<10	<10
SW-18 (0-5')	3/4/2024	128	_	_	_	_	_	_
SW-19 (0-5')	3/4/2024	144	_	_	_	_	_	_
SW-20 (0-5')	3/4/2024	112	_	_	_	_	_	_
SW-21 (0-5')	3/4/2024	272	_	_	_	_	_	_
Notes:								

Notes:

All results are in mg/kg

Closure Criteria Soils - Table I of 19.15.29.12 NMAC

TPH - Total Petroleum Hydrocarbons - includes GRO, DRO, MRO

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

<RL - results were not detected above the Laboratory Reporting Limit

- Not analyzed

Bold indicates a detection above the Laboratory Sample Reporting Limit

Shading indicates that a detected result exceeded the NMOCD Table 1 Closure Criteria Levels

•



**TABLE 2** Analytical Data Results Summary - Soil Borrow Area Results (mg/kg)

Analyte Method Table I - Closure Criteria (0-4') Table I - Closure Criteria (below 4')		Chloride 4500-Cl-B 600 600	BTEX 8021B 50 50	Benzene 8021B 10 10	TPH (C6-C10) 8015M - -	TPH (>C10-28) 8015M - -	TPH (>C28-36) 8015M - -	TPH 8015M 100 100
Sample ID	Sample Date							
BF-1 (1-10')	2/16/2024	80	<0.300	<0.050	<10	<10	<10	<10
BF-2 (1-10')	2/16/2024	80	<0.300	<0.050	<10	<10	<10	<10
BF-3 (1-10')	2/16/2024	96	<0.300	<0.050	<10	<10	<10	<10
BF-4 (1-10')	2/15/2024	96	<0.300	<0.050	<10	<10	<10	<10

Notes:

All results are in mg/kg

Closure Criteria Soils - Table I of 19.15.29.12 NMAC

TPH - Total Petroleum Hydrocarbons - includes GRO, DRO, MRO

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

<RL - results were not detected above the Laboratory Reporting Limit

Bold indicates a detection above the Laboratory Sample Reporting Limit

Shading indicates that a detected result exceeded the NMOCD Table 1 Closure Criteria Levels



APPENDIX A Notification and Agency Correspondence

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

PageH14eof 353

Action 299074

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	299074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

Location of Release Source		
Please answer all the questions in this group.		
Site Name	URANINITE 32 CTB 2	
Date Release Discovered	01/02/2024	
Surface Owner	State	

### Incident Details

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

### Nature and Volume of Release

Material(s) released please answer all that apply below	Any calculations or specific justifications for the volumes	provided should be attached to the follow-up C-141 submission.
waterial(3) released, please answer an that apply below.	Any calculations of specific justifications for the volumes	

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Fitting   Produced Water   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Lease Operator noticed a leak coming from a poly line flange on the discharge side of a water transfer pump. The leak was isolated to stop the spill. 8.48 bbls produced water estimated was released in containment and on the pad. Recovered volumes are not available at this time.

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

QUESTIONS, Page 2

Action 299074

PageHd5eof 353

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	299074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	More volume information must be supplied to determine if this will be treated as a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.		
Reasons why this would be considered a submission for a notification of a major release	Unavailable.		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.			

Initial Response				
The responsible party must undertake the following actions immediately unless they could create a 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	False			
If all the actions described above have not been undertaken, explain why	Recovered volumes are not available as of this submission			
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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach al arrative of a dattach all information needed for closure evaluation in the follow-up C-141 submission.				

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

ACKNOWLEDGMENTS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	299074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.		
M	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.		
	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.		
	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.		
V	I acknowledge the fact that 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.		
M	I acknowledge the fact that, 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.		

Released to Imaging: 7/18/2024 2#27:38PPM

ACKNOWLEDGMENTS

Action 299074

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	299074
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created	Condition	Condition
By		Date
wdale	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/2/2024

PageHdfeof 353

Action 299074

From:	Woodall, Dale
To:	Bryan Haney
Subject:	FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 302898
Date:	Thursday, January 11, 2024 3:49:52 PM

fyi

Dale Woodall Environmental Professional Hobbs, NM Office: 575-748-1838 Mobile: 405-318-4697 Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, January 11, 2024 2:49 PM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 302898

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2400253283.

The liner inspection is expected to take place:

When: 01/17/2024 @ 09:00 Where: E-32-19S-29E 2614 FNL 424 FWL (32.61740312,-104.1042132)

Additional Information: Bryan Haney, TX P.G Senior Project Manager | 361.658.3126 | Corpus Christi, Texas Bryan.Haney@altamira-us.com

**Additional Instructions:** Site Location information: 32.61740312, -104.1042132 From Carlsbad, travel east on 62 to Highway 360. Turn north and travel north to County Road 235. Turn northwest on County Road 235 and travel approximately 9.5 miles to unnamed road. Turn south and travel approximately 2.71 miles to Site location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

### New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 302898

QUESTIONS	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 302898
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2400253283
Incident Name	NAPP2400253283 URANINITE 32 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2130651506] URANINITE 32 CTB 2

### Location of Release Source

Site Name	URANINITE 32 CTB 2
Date Release Discovered	01/02/2024
Surface Owner	State

# Liner Inspection Event Information

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Please answer all the questions in this group.		
What is the liner inspection surface area in square feet	6,930	
Have all the impacted materials been removed from the liner	Yes	
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	01/17/2024	
Time liner inspection will commence	09:00 AM	
Please provide any information necessary for observers to liner inspection	Bryan Haney, TX P.G Senior Project Manager   361.658.3126   Corpus Christi, Texas Bryan.Haney@altamira-us.com	
Please provide any information necessary for navigation to liner inspection site	Site Location information: 32.61740312, -104.1042132 From Carlsbad, travel east on 62 to Highway 360. Turn north and travel north to County Road 235. Turn northwest on County Road 235 and travel approximately 9.5 miles to unnamed road. Turn south and travel approximately 2.71 miles to Site location.	

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

PageH2Jeof 353 CONDITIONS

Action 302898

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	302898
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

#### CONDITIONS

C	created	Condition	Condition
B	y		Date
١	wdale	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	1/11/2024

From:	Woodall, Dale
To:	Bryan Haney
Subject:	FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 313604
Date:	Monday, February 12, 2024 3:05:35 PM

fyi

Dale Woodall Environmental Professional Hobbs, NM Office: 575-748-1838 Mobile: 405-318-4697 Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, February 12, 2024 2:04 PM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 313604

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2400253283.

The sampling event is expected to take place:

**When:** 02/15/2024 @ 07:00 **Where:** E-32-19S-29E 2614 FNL 424 FWL (32.61740312,-104.1042132)

Additional Information: Jimmy Gonzales with Altamira – 361-207-4228

**Additional Instructions:** Site Location information: 32.61740312, -104.1042132 From Carlsbad, travel east on 62 to Highway 360. Turn north and travel north to County Road 235. Turn northwest on County Road 235 and travel approximately 9.5 miles to unnamed road. Turn south and travel approximately 2.71 miles to Site location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

### **New Mexico Energy, Minerals and Natural Resources Department** 1220 South St. Francis Drive

Santa Fe, NM 87505

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

PageH24eof 353 QUESTIONS

Action 313604

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	313604
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

### QUESTIONS

Prerequisites		
rident ID (n#) nAPP2400253283		
Incident Name	NAPP2400253283 URANINITE 32 CTB 2 @ 0	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Facility	[fAPP2130651506] URANINITE 32 CTB 2	

### Location of Release Source

Site Name	URANINITE 32 CTB 2
Date Release Discovered	01/02/2024
Surface Owner	State

# Sampling Event General Information

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Please answer all the questions in this group.		
What is the sampling surface area in square feet	7,890	
What is the estimated number of samples that will be gathered	40	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/15/2024	
Time sampling will commence	07:00 AM	
Please provide any information necessary for observers to contact samplers Jimmy Gonzales with Altamira – 361-207-4228		
Please provide any information necessary for navigation to sampling site	Site Location information: 32.61740312, -104.1042132 From Carlsbad, travel east on 62 to Highway 360. Turn north and travel north to County Road 235. Turn northwest on County Road 235 and travel approximately 9.5 miles to unnamed road. Turn south and travel approximately 2.71 miles to Site location.	

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

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	313604
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/12/2024

CONDITIONS

Action 313604

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APPENDIX B Photographic Documentation



View of point of release on the east side of the containment



View north at release area on east side of containment - wet staining on ground

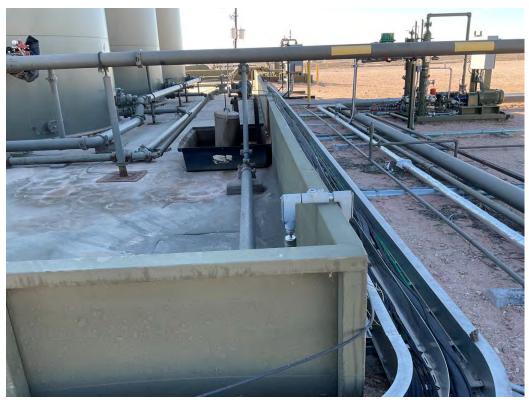
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View of release area along the underground electric corridor



Liner Inspection - View North at containment and liner at entry point



Liner Inspection - View south at containment and liner



Liner Inspection - view of south end of containment and liner



Liner Inspection - view of liner in northern portion of containment



Liner Inspection - view of south end of containment and liner



Liner Inspection - view of liner between storage tanks



View north at active soil excavation activities



View northeast at remedaiton area



View west at soil remediation area - electical corridor



View southeast at soil remediation area



View west at soil remediation area showing overal depth of excavation



View southwest at overall soil remediation area



Excavated soil stockpile temporarily stored on plastic in contained area



View showing overall soil remediation area



View west showing additional soil excavation along electrical corridor



Backfilling process in southern and central excavation area



View west at backfilled and compacted area - on-site active pad



View north at backfilled and compacted area - on-site active pad



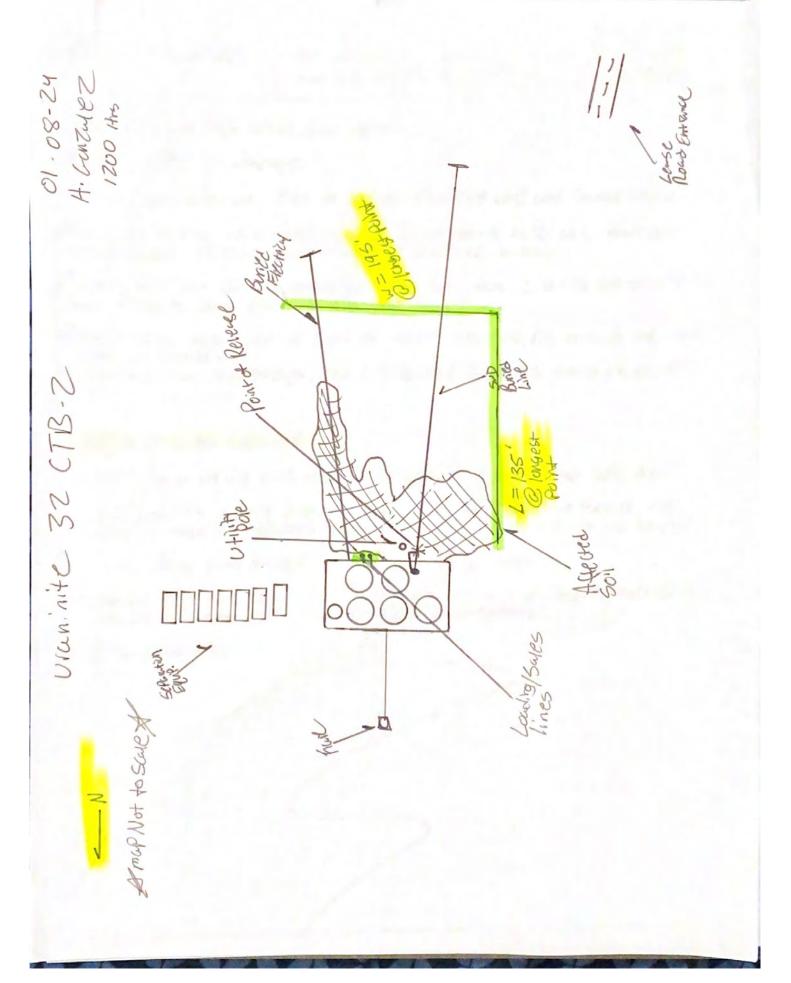
View north at final backfilled and compacted area



APPENDIX C Field Documentation

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	Client: DEVON Project: Uranin/HE 32 CTB-2	Page: of Date: <u>01 - 08 - 24</u> By: <i>H.GCNZUPE</i>
Wenther: Cold, High Win	ds, Show Figuries.	
Staff on site: H. Genza		
· Arrived on site at ,	200 to perform Survey of site and	Charactenzation.
Point of release is a to the south. Attected	iange for an above grand SWB 1 Soilisisouth of the tank battery.	the that goes
	- depression in the soil from a bur	
	is clear of water from spill, no	
· performed site wouldthic circh.	ugn, drew a tield map, and took ph	otos of the sp.11
Ket Factors to Consid	er	
· There is a utility pol	e east of the point of release in th	e spill aren.
· Spill area is directly need to make accompda	in front of the load lines for the tions for tankers to be able to have	e facility, will occess to these.
· SWD BPL runs throw	ugh the spill aren, depth unthour.	
· conduit from tank battle of an aluminum wire	ry ruhs along the south side of th Tun with Concrete Standoffs.	ve berm. Constructed
· left site at 1315.		
	4.6.0	



Wrumhite CTB SWB 2-14-254 27 26 Uranhite CTB Sub 2-13-24 Watter: Cold, Simmy Wester: Cool, sinut Statt: H. Centul Z Staff: H. Contrez · Annued on site at 0615, filled off JSA, attended Safety meaning. · Arived on site (245 ·Begun excination at 06 40 in a new FILL OUT JSA, MET WALCONSTACTO BEGAN MUTERY OUT SPIN area NUITERS OUT Sample areas LEFT 2 at # 1'BG Verifiel with pressure tupp. ofert Side at 0800. Site at 1400 · Refimer to site at 1440. Begun Sample Collection at HUL · Collected 20 Somples, 6-30, 31, 39, 40, 48,49,55,56,14,15,16,21,22,23,17,24 ·LEG Site at 1731 +6A Scale: 1 square = Reter an en Rain

29 CTB 2-16-24 28 Uruninite CTB 2-15-24 Dramaite COOL SUMMY SUMMY Wenter: funtile? uff on site: H. Gonavez SIT 5+1 620,7 at 0620 flued off SILP 6 · Arnuph 00 reet mee attended Sweet meeting. SA GUR ACCES aRus · muried or exaverta Electical lines PKI Nite to Hydravac ODPINNU waste soil ilth ct. 06.50 Landmi · Began Sumpl Collection du 641.47.50 th Collecter Summes at 1650 · Bran INCHAD 57, 58, 59, 63, 67, 68, 71, 72, 73, 51 COLLECT SUMPOS, 20,29,3 8,47 75, 76, 77, 78, 79, 80 19 16. 36. 18 27.28. 35, 54,60,61 U · Left site at 0920 to deliver simples 43 rollect Hopbs. à Cub the 10 4 Samp to site at 1330, coursed Refunda SIGCIC Samples 64, 6, 9. 65,66,69,70 01 0 Left SITC Cot 1450 10, Scale: 1 square = Reto in the Rein

Urunhi-C CTB 2-19-24 30 2-20-24 31 Uranite CTB Weisher ! Cold Sinny wentuer: COOL, SMM Sket on site: H. Goralez Statt on Site: H. burdez Site at 0630 files · Arived on site at 0655, filled · Anough on OUL ISI OUT 0 out resample · March OCA PESCIMP OTV Markpa die out to prescribe depter GAULT P · Excuration begun at 0500 Gt 0845. · left Site at 0900 to update to site at 1245, cavette · Returned resamples; 6-10, 24, 25, 34, 43, Saturtuble. · Refund to give wit 1430, Colvert 58, 63, 64, 65, 66, 69, 25 resumples 6- 15, 16, 17, 20, 30, Neft site at 31, 32, 39, 40, 41, 42, 49, 50, 51,56, 57, 58,59, 72, 73, 74 78, 79, 80 cut. 1630. · LEA SITE 06 +00 Scale: 1 square = Scale: 1 square = Rite in the Rain

•

32 Uraning CTB Z-Z1-ZZ Wertrer (001, Gung Statt on site: H. barnez • Arrived on site of 13 25 Cotter dropping oft scanfres in Hobbs. · Collected to resamples, 61, 2, 35, 6, 8, 12, 13, 26, 36. • Left site at 1500.	Urunhile CTB Z-22-24 33 Weidher: Cold, Sinned, Whidy Statt on site: H. Generiez Anived on site at 0900, flied Out SSA. Crews on site stackflige backfill muterial. Collected & sidewall Sumples Sw-1, 2, 3, 5, 6, 7, 8, 9. Left site at 10, 500 to tavel to Hobbs to drop off sumples HUL
Scale: 1 square =S	cale: 1 square = Rite in the Rein

34 Uranhite CTB Z-23-24 weither: Cold, Sinny. on site: H: Gonavez on site cit :0820, filled follettcd - Z rescriptes of X ainte flemte 2: 4:5. Jenals Sur 1, 5, 10, 12 10 090C Scale: 1 square =

Released to Imaging: 7/18/2024 2:27:38 PM

UrannAC CTB 2-26-24 35 · Weinfiel: Cold, Sunny bontoli d:00 0 11 backfill maiterial SCKPILLAR: PLA ve site. Side wall Samples 0/1 pl 5W-4. 15,16. 1535 D (0 grop samples. 1 Scale: 1 square =\_ Rete in the Rain

Released to Imaging: 7/18/2024 2:27:38 PM

36 Vranhite CTB 2-27-24 Uraminite OTB Z-28-24 37 Wenter: Cold, sinner Wayner: Cold, sunny. Staft on SITE: H. GUNGLEZ Statt on site: H. Gonzalez · Arived on site at 0840, filled · Arnued on site at 1430-filed OUT SSA. at SSA · Had crew extend strengent Sw-10 . Instructed start on areas to · Collected SW10, 184 to the Dalkfill " 146 at 1000. · Collected one soenall SW-17 · Crews bug out Demention hole to · Left to hap at 1500 to drop BG, Collected 4 Sumples Off Sande. DP-1 (0-2'), DP-1 (2-4') NP-1 (4-6') DP-1(6-8) to be pested for LL, RTEX, TPH. 466 appuned to site at 1500 to collect 2 Sidewall resamples, Swy 14A. ·Left Site at 1530 to drop the Kib -Sampres GRE Cot Scale: 1 square =\_\_\_ Rett in sie hain Scale: 1 square =\_

Vranhal (TB 2-29-20 38 Wentuel: cold summe: on site: H: Goravez: Staff · Amued on site R. Backfill Wil PO OUX Grevs 40 Deed to reidig ajone electrica 1. begun cit 01 3800 ObhS -17 collected on 2-28 Perull 2 Scale: 1 square =

Released to Imaging: 7/18/2024 2:27:38 PM

39 Urambite OOI, Sihny Putuesi 1 on cite Hy SUN CUI Pod O Cations Cilono recticul ditch for failed give the 51 U 0 pecian 190 hes PS Samp P 10: 0 w 6 (3

Received by OCD: 7/15/2024 3:25:56 PM

Newfues: Cool, Sunny Staff on Site: H. Ganadez St 0630, fill rd on site nstructed: Crews: or resumple grids OCH HONO esnumpes: 68,6 1 to 100 at 0700 501 At Samples. 60 Scale: 1 square =

Released to Imaging: 7/18/2024 2:27:38 PM

WranMAC CTB 3-11-24 41 Wenther: COUL, SUMMY Statt on site 1 H. (Joh Tule? Ample on SITE at 1420 to take site completion Photos & Left site at 1450 ... 5 460 Scale: 1 square = Rite in the Rein

Released to Imaging: 7/18/2024 2:27:38 PM



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APPENDIX D Liner Inspection Documentation

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 302898

QUESTIONS						
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137					
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 302898					
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)					

#### QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2400253283			
Incident Name	NAPP2400253283 URANINITE 32 CTB 2 @ 0			
Incident Type	Produced Water Release			
Incident Status	Initial C-141 Approved			
Incident Facility	[fAPP2130651506] URANINITE 32 CTB 2			

#### Location of Release Source

Site Name	URANINITE 32 CTB 2
Date Release Discovered	01/02/2024
Surface Owner	State

#### Liner Inspection Event Information

Please	answer	all	the	questions	in	this	aroup.

Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	6,930
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	01/17/2024
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Bryan Haney, TX P.G Senior Project Manager   361.658.3126   Corpus Christi, Texas Bryan.Haney@altamira-us.com
Please provide any information necessary for navigation to liner inspection site	Site Location information: 32.61740312, -104.1042132 From Carlsbad, travel east on 62 to Highway 360. Turn north and travel north to County Road 235. Turn northwest on County Road 235 and travel approximately 9.5 miles to unnamed road. Turn south and travel approximately 2.71 miles to Site location.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	302898
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

#### CONDITIONS

Create By	d Condition	Condition Date
wdal	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	1/11/2024

CONDITIONS

Action 302898

From:	Woodall, Dale
To:	Bryan Haney
Subject:	FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 302898
Date:	Thursday, January 11, 2024 3:49:52 PM

fyi

Dale Woodall Environmental Professional Hobbs, NM Office: 575-748-1838 Mobile: 405-318-4697 Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, January 11, 2024 2:49 PM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 302898

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2400253283.

The liner inspection is expected to take place:

When: 01/17/2024 @ 09:00 Where: E-32-19S-29E 2614 FNL 424 FWL (32.61740312,-104.1042132)

Additional Information: Bryan Haney, TX P.G Senior Project Manager | 361.658.3126 | Corpus Christi, Texas Bryan.Haney@altamira-us.com

**Additional Instructions:** Site Location information: 32.61740312, -104.1042132 From Carlsbad, travel east on 62 to Highway 360. Turn north and travel north to County Road 235. Turn northwest on County Road 235 and travel approximately 9.5 miles to unnamed road. Turn south and travel approximately 2.71 miles to Site location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

## New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

of ( Page: DEVUD DEG Date: 0/-ALTAMIRA Client: WWW. With 32 CTB Phy Areas H. Gentale Project: Bern Liner Inspection Wenther: Cold, Sunny 250 Staff on Site; H. Genzalez Site aniVal: 0855 ·Beyan Berm inspection (D 09 05 Bern Material: Steel Deim Lher ?: Yes, Poly-couted Fiber mutrix. Serm Dimensions: 104.06 X 60.78' Bern Height: 34" · Inspected bern perimeter, Starting at the Southeast Corner. No Find Stands or rust spots noted. No Holes in Steel bern noted. · Inspected bern liker Sturtmy at ingress lader on the southeast corner of the bern. No R.ps, Terrs, detects noted in the liker. Bern contants 5 Storage tanks and one VRT. Storage tank sizes are all 15.5 X 24; Storage tanks are on folly risers. On bein liker in Spectron, I Noted Common teur points like ladder and Catwulk leys and Pine supports. Inspected bases of all tanks and VRT Footers, inspected liner Vertical transitions. · Left Site @ 0959 104.06 60.78' Point of rapice.



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APPENDIX E Laboratory Analytical Data Reports



February 16, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/15/24 10:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 30 6-6.5' (H240724-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 31 6-6.5' (H240724-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 39 6-6.5' (H240724-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 40 6-6.5' (H240724-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 48 6-6.5' (H240724-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 49 6-6.5' (H240724-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 55 6-6.5' (H240724-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 56 6-6.5' (H240724-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 14 4-4.5' (H240724-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 15 4-4.5' (H240724-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	16.3	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 16 4-4.5' (H240724-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2210	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

#### Sample ID: G 21 4-4.5' (H240724-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 22 4-4.5' (H240724-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 23 4-4.5' (H240724-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 17 1-1.5' (H240724-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 24 1-1.5' (H240724-16)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<b>93</b> .7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 25 1-1.5' (H240724-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	02/16/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 32 1-1.5' (H240724-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	02/16/2024	ND	416	104	400	3.77	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 33 1-1.5' (H240724-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 34 1-1.5' (H240724-20)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.25	112	2.00	2.29	
Toluene*	<0.050	0.050	02/15/2024	ND	2.24	112	2.00	2.32	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.22	111	2.00	1.91	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.45	108	6.00	1.92	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	nloride, SM4500Cl-B mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M mg/kg		′kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	209	104	200	1.99	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	218	109	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	69.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 41 1-1.5' (H240724-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 42 1-1.5' (H240724-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 50 1-1.5' (H240724-23)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 51 1-1.5' (H240724-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 57 1-1.5' (H240724-25)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 58 1-1.5' (H240724-26)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

### Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 59 1-1.5' (H240724-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10300	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 63 1-1.5' (H240724-28)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 67 1-1.5' (H240724-29)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 68 1-1.5' (H240724-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 71 1-1.5' (H240724-31)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 72 1-1.5' (H240724-32)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	103	48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 73 1-1.5' (H240724-33)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 74 1-1.5' (H240724-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6100	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 75 1-1.5' (H240724-35)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 76 1-1.5' (H240724-36)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 77 1-1.5' (H240724-37)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.3	% 49.1-14	8						

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## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 78 1-1.5' (H240724-38)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	02/16/2024	ND	416	104	400	3.77	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 79 1-1.5' (H240724-39)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 80 1-1.5' (H240724-40)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.385	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	0.361	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.15	107	2.00	0.664	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.50	108	6.00	0.874	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	218	109	200	7.39	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	218	109	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 20 4-4.5' (H240724-41)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3960	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 29 5.5-6' (H240724-42)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 38 5.5-6' (H240724-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 47 5.5-6' (H240724-44)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 54 5.5-6' (H240724-45)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 60 6-6.5' (H240724-46)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 61 6-6.5' (H240724-47)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.07	104	2.00	3.24	
Toluene*	<0.050	0.050	02/15/2024	ND	2.17	109	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.16	108	2.00	3.48	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.57	109	6.00	3.60	
Total BTEX	<0.300	0.300	02/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/16/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

### Cardinal Laboratories

## \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

## **Cardinal Laboratories**

## \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 209	aboratories	ories			F	CHAIN-OF-CU	CUSTOD	Y AND	ANAL	YSIS RE	STODY AND ANALYSIS REQUEST	ge 50 of 54
	101 Eas	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	8240									Pa
Company Name: Altamira					BILL	L 70			AN	ANALYSIS RE	REQUEST	
Project Manager: Bryan Haney	Haney				P.O. #: 21276956			_	-			-
Address: 4229 Punta Bonaire	onaire				Company: Direct Bill Devon	ect Bill Devon		_	_			
City: Corpus Christi	St	State: TX ZIP: 78412			Attn: Dale Woodall	odall						
Phone #: 361-658-3126					Address:			_				_
Project DVNENM 2401/001	2401/001				City:							
Name:	Uraninite 32 CTB2 PW Release	PW Release			State:	Zip:			)	_		
Project Location:	Artesia, New Mexico	ŏ			Phone #:				IC			
Sampler Name:	Higinio Gonzalez				Fax #:				- :			_
Lab I.D.			P. Matrix	ńx	PRESERV.	SAMPLING	6	_	0 0			
H240724	Sample I.D.	le I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER	WASTEWATER SOIL DIL SLUDGE	OTHER : ACID/BASE: ICE / COOL	DATE	TIME	X m H B H P H	S m D - :			
1	630	6-6.51	1	X	×	2-14-24	1530	X	X X			
e	631	6-6.51	C 1	X	×	2	1532	×				
w	639 1	6-6.5	C 1	X	×	11	1534	x	x x			
4	640 6	-6.5	C 1	×	×	11	1536	-	-			
5		6-6.5	0 1	< ×	××	11	1538	< ×	x x			
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Bryan Haney     P.O. #: 21276956       Address: 4229 Punta Bonaire     Company: Direct Bill Devon       City: Corpus Christi     State: TX     ZIP: 78412       Phone #: 361-658-3126     Address:       Project     DVNENM 2401/001       Project Location:     Artesia, New Mexico       Sampler Name:     Higinio Gonzalez       Prouse CoxY     Matrix       Q:     Matrix       Preserv     SampLing       Q:     Matrix
Its Bonaire     Company: Direct Bill Devon       State:     TX     ZIP: 78412     Attn: Dale Woodall       3126     Atdress:     Address:       NM 2401/001     Address:     City:       Uraninite 32 CTB2 PW Release     State:     Zip:       Artesia, New Mexico     State:     Zip:       Higinio Gonzalez     Fax #:     Fax #:       Q:     Matrix     PRESERV.     SAMPLING
State:         TX         ZIP: 78412         Attn: Dale Woodall           3126         Address:         Address:           NM 2401/001         Address:         City:           Uraninite 32 CTB2 PW Release         State:         Zip:           Artesia, New Mexico         Phone #:         Fax #:           Higinio Gonzalez         P         Fax #:           Q:         Matrix         PRESERV.         SamPLING
3126     Address:       NM 2401/001     City:       Uraninite 32 CTB2 PW Release     State:     Zip:       Artesia, New Mexico     Phone #:     Fax #:       Higinio Gonzalez     Matrix     PRESERV.     SAMPLING
NENM 2401/001         City:           Uraninite 32 CTB2 PW Release         State:         Zip:           n:         Artesia, New Mexico         Phone #:         Phone #:           Higinio Gonzalez         Fax #:         Fax #:         Preserv.
Uraninite 32 CTB2 PW Release     State:     Zip:       n:     Artesia, New Mexico     Phone #:       Higinio Gonzalez     Fax #:       Imatrix     PRESERV.       Imatrix     PRESERV.
n: Artesia, New Mexico Phone #: Higinio Gonzalez Fax #: P. Matrix PRESERV. SAMPLING
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Project Manager: Bryan Haney	n Haney						P.O.	#: 21				_							_		_	
Address: 4229 Punta Bonaire	onaire						Com	pany:	Company: Direct Bill Devon	Devon									_		_	
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Phone #: 361-658-3126							Add	Address:													-	
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lame:	Uraninite 32 CTB2 PW	PW Release					State:	100	Zip:					0					_			
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Company Name: Altamira			BI	BILL TO			ANALYSIS	IS REQUEST
Project Manager: Bryan Haney			P.O. #: 21276956		_	1		
Address: 4229 Punta Bonaire			Company: Di	Company: Direct Bill Devon			_	
City: Corpus Christi	State: TX ZIP: 78412		Attn: Dale Woodall	oodall		_	_	
Phone #: 361-658-3126			Address:					
Project DVNENM 2401/001			City:					
Vame:	Uraninite 32 CTB2 PW Release		State:	Zip:		_	ſ	
Project Location: Artesia, N	Artesia, New Mexico		Phone #:				IC	
Sampler Name: Higinio Gonzalez	ionzalez		Fax #:			_	- :	
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Compler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool Intact	Sition	CHECKED BY: Turn (Initials) Rud	Turnaround Time: Standard Rush G Cool Intact Thermometer ID #113		Bacteria (only) Sam Observed Temp. 'C	pia Condizioni
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February 19, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/16/24 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 4 2-2.5' (H240758-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	0						

## Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

## Sample ID: G 5 2-2.5' (H240758-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 9 2-2.5' (H240758-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 10 2-2.5' (H240758-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	57.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	56.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 11 2-2.5' (H240758-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 12 2-2.5' (H240758-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 62 1-1.5' (H240758-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 64 1-1.5' (H240758-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6200	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 65 1-1.5' (H240758-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7300	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 66 1-1.5' (H240758-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 69 1-1.5' (H240758-11)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 70 1-1.5' (H240758-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 1 2-2.5' (H240758-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 2 2-2.5' (H240758-14)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 3 2-2.5' (H240758-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 6 2-2.5' (H240758-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 7 2-2.5' (H240758-17)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 8 2-2.5' (H240758-18)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 13 2-2.5' (H240758-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	02/19/2024	ND	416	104	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: G 19 6-8" (H240758-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 26 6-8" (H240758-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 27 6-8" (H240758-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 28 6-8" (H240758-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 35 6-8" (H240758-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 36 6-8" (H240758-25)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	2.84	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	204	102	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: G 37 6-8" (H240758-26)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 45 6-8" (H240758-27)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 46 6-8" (H240758-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/17/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 18 1-1.5' (H240758-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/17/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 43 1-1.5' (H240758-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/17/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 44 1-1.5' (H240758-31)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/17/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 52 1-1.5' (H240758-32)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/17/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 53 1-1.5' (H240758-33)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.24	112	2.00	1.38	
Toluene*	<0.050	0.050	02/17/2024	ND	2.23	111	2.00	1.31	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	2.21	110	2.00	1.16	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	6.64	111	6.00	1.04	
Total BTEX	<0.300	0.300	02/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/19/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	202	101	200	0.192	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	214	107	200	0.782	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Company Name: Altamira	amira					BILL	LTO			ANA	ANALYSIS RE	REQUEST	
Project Manager: Bryan Haney	an Haney				P	P.O. #: 21276956	56		_	-			
Address: 4229 Punta Bonaire	Bonaire				Co	ompany: Din	Company: Direct Bill Devon	7	_				
City: Corpus Christi		State: TX ZIP: 78412	112		At	Attn: Dale Woodall	odall		-		_		
Phone #: 361-658-3126	26				Ac	Address:							_
Project DVNENN	DVNENM 2401/001				Ci	City:							_
Nam	Uraninite 32	Uraninite 32 CTB2 PW Release			St	State:	Zip:		_	1	_		_
Project Location:	Artesia, New Mexico	/ Mexico			PH	Phone #:				c (			
Sampler Name:	Higinio Gonzalez	alez			Fa	Fax #:			_	- 1			_
OR LAB USE ONLY			-	Matrix		PRESERV.	SAMPLING	NG		D r	_	_	
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4	610	2-2-5	C 1		×	X	11	1356	x	X X			
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4 3:20 elinquished By:	W.	Date: 1/6/Au 71me; 3 - //5	Received By:	A -				Verbal Result:         Yes         No         Add           All Results are emailed.         Please provide Email addressimmy gonzalez@altamira-us.com, dale.woodall@dvn.com	@altamira-us	lease provid	Email addre	Verbai Result:  Ves No Add'I Phone #: All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com. jimmy.gonzalez@altamira-us.com.dale.woodall@dvn.com	ra-us.com,
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Company Name: Altamira			BILL TO		A	ANALYSIS REQUEST	
Project Manager: Bryan Haney	Haney						-
Address: 4229 Punta Bonaire	naire		Company: Direct Bill Devon	Devon	_		-
City: Corpus Christi	State: TX ZIP: 78412		Attn: Dale Woodall				
Phone #: 361-658-3126			Address:				
VNENM							
Name:	Uraninite 32 CTB2 PW Release		State: Zip:		)		
Project Location: Ar	Artesia, New Mexico		Phone #:		EC		
Sampler Name: Hi	Higinio Gonzalez		Fax #:		- 3		
FOR LAB USE ONLY		Matrix	PRESERV. SA	SAMPLING	0		-
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Company Name: Altamira							_		8	BILL TO				ANALYSIS	SIS REQUEST	-
Project Manager: Bryan Haney							-	0. #	P.O. #: 21276956	6956						-
Address: 4229 Punta Bonaire							0	omp	any: L	Company: Direct Bill Devon	ion			_		
City: Corpus Christi	State: TX ZIP: 78412						Þ	ttn: L	Dale M	Attn: Dale Woodall				_		
Phone #: 361-658-3126							Þ	Address:	:SS					_		
Project DVNENM 2401/001							0	City:						_		_
Name:	Uraninite 32 CTB2 PW Release						S	State:		Zip:				-		_
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Company Name: Altamira					BILL TO	0		ANALYSIS	S REQUEST	[
Project Manager: Bryan Haney	van Haney			2	P.O. #: 21276956					_
Address: 4229 Punta Bonaire	Bonaire			0	Company: Direct Bill Devon	l Devon		_		
City: Corpus Christi		State: TX ZIP:	ZIP: 78412	7	Attn: Dale Woodall					
Phone #: 361-658-3126	26				Address:					
Project DVNEN	DVNENM 2401/001									
Project Name:	Uraninite 32	Uraninite 32 CTB2 PW Release		-	state: Lip:		_	C		
Project Location:	Artesia, New Mexico	Mexico			Phone #:			I		
Sampler Name:	Higinio Gonzalez	alez		-	Fax #:			- :		
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Company Name: Altamira	nira				BILL TO	,			ANALYSIS	REQUEST	
Project Manager: Bryan Haney	in Haney			P.O. #	P.O. #: 21276956						
Address: 4229 Punta Bonaire	Bonaire			Comp	Company: Direct Bill Devon	Devon					
City: Corpus Christi	State: TX Z	ZIP: 78412		Attn: L	Attn: Dale Woodall				_		
Phone #: 361-658-3126	0			Address:	SS:				_		
Project DVNENM 2401/001	2401/001			City:				_	_		
Project Name:	Uraninite 32 CTB2 PW Release			State:	Zip:						
Project Location:	Artesia, New Mexico			Phone #:	*						_
Sampler Name:	Higinio Gonzalez			Fax #:					- 1		
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February 21, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/20/24 10:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/20/2024	Sampling Date:	02/19/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 15 6-6.5' (H240807-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 16 6-6.5' (H240807-02)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/20/2024	ND	432	108	400	0.00	

### Sample ID: G 17 6-6.5' (H240807-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 20 6-6.5' (H240807-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/20/2024	ND	432	108	400	0.00	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/20/2024	Sampling Date:	02/19/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 30 8-8.5' (H240807-05)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 31 8-8.5' (H240807-06)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 32 4-4.5' (H240807-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/20/2024	ND	432	108	400	0.00	

### Sample ID: G 39 8-8.5' (H240807-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 40 8-8.5' (H240807-09)

Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/20/2024	ND	432	108	400	0.00	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/20/2024	Sampling Date:	02/19/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 41 4-4.5' (H240807-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 42 4-4.5' (H240807-11)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 49 8-8.5' (H240807-12)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/20/2024	ND	432	108	400	0.00	

### Sample ID: G 50 4-4.5' (H240807-13)

Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 51 4-4.5' (H240807-14)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/20/2024	ND	432	108	400	0.00	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/20/2024	Sampling Date:	02/19/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 56 8-8.5' (H240807-15)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 57 4-4.5' (H240807-16)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 58 4-4.5' (H240807-17)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/20/2024	ND	432	108	400	0.00	

### Sample ID: G 59 6-6.5' (H240807-18)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 72 4-4.5' (H240807-19)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/20/2024	ND	432	108	400	0.00	

# Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/20/2024	Sampling Date:	02/19/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 73 4-4.5' (H240807-20)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 74 4-4.5' (H240807-21)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 77 4-4.5' (H240807-22)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2024	ND	432	108	400	0.00	

### Sample ID: G 78 4-4.5' (H240807-23)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/20/2024	ND	432	108	400	0.00	

# Sample ID: G 79 3-3.5' (H240807-24)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/20/2024	ND	432	108	400	0.00	

# **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/20/2024	Sampling Date:	02/19/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 80 4-4.5' (H240807-25)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/20/2024	ND	432	108	400	0.00	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Company Name: Altamina	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	88240 3-2476	CHAIN-O	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	D ANALYS
Company Name: Altamir	a a				ANALYSIS
Project Manager: Bryan Haney	laney		P.O. #: 21276956	_	_
Address: 4229 Punta Bonaire	aire		Company: Direct Bill Devon	NON	
City: Corpus Christi	State: TX ZIP: 78412		Attn: Dale Woodall		_
Phone #: 361-658-3126			Address:		
Project DVNENM 2401/001	101/001		City.		
Name:	Uraninite 32 CTB2 PW Release		State: Zip:		
Project Location: A	Artesia, New Mexico		#		С
ime:	Higinio Gonzalez		Fax #:		Т
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1040807		(G)RAB C # CONTA GROUND WASTEW BOIL DIL BLUDGE	DTHER : ACID/BAS CE / COO DTHER :		
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Cilles of successors and using out of or raia	yer uncomes access access and carers and save remark for any claim arising whether to shall Cardinal be liable for incidental or consequental damages, including witho of or related to the performance of services hereunder by Cardinal, regardless of the performance of services hereander by Cardinal, regardless and the performance of services hereander by Cardinal, regardless and the performance of services hereander by Cardinal, regardless and the performance of services hereander by Cardinal regardless and the performance of services hereander by Cardinal regardless and the performance of services hereander by Cardinal regardless and the performance of services hereander by the performance of services hereander by the performance of the performance of services hereander by the performance of s	her based in confined or fort, shall be limited to the emount pail without limitation, business interruptions, loss of use, or loss less of whether such claim is based upon any of the above	unt paid by the client for the analyses. All claims is or loss of profits incurred by client, its subsidiaries above stated reasons or otherwise.	including those for negligence and any other es.	ause whatsoever shall be dee
24 3:25 inquished By:	Time:1001	Received By: Shadhig	men	Verbal Result:  Yes No Add'I Phone #: All Results are emailedPlease provide Email address: bryan haney@altamira-us.com jimmy.gonzale2@altamira-us.com,dale.woodby@dvn.com	I No Mease provide Ema s com, dale. woodblig
15/20 inquished By	Date: Time:	Received By:	9	REMARKS: 24 HR	TAT
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 Eas (575)	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	88240	50 C													Pa
Company Name: Altamira								-		B	BILL TO				ANA	ANALYSIS REQUEST	
Project Manager: Bryan Haney	n Haney							P.O.	费	2				1	1		-
Address: 4229 Punta Bonaire	lonaire							0	mpa	ny: D	Company: Direct Bill Devon						
City: Corpus Christi	S	State: TX ZIP: 78412						At	tn: D	ale W	Attn: Dale Woodall				-		_
Phone #: 361-658-3126								Ad	Address:	S							
VNENM	2401/001							City:	Y:						-		
Project Name:	Uraninite 32 CTB2	PW Release						St	State:		Zip:						
Project Location:	Artesia, New Mexico	8						P	Phone #:	25					0		-
ime:	Higinio Gonzalez							Fa	Fax #:								
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February 22, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/21/24 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 10 3.5 - 4' (H240843-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/22/2024	ND	384	96.0	400	8.00	

# Sample ID: G 24 4 - 4.5' (H240843-02)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/22/2024	ND	384	96.0	400	8.00	

### Sample ID: G 25 4 - 4.5' (H240843-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/22/2024	ND	416	104	400	7.41	

# Sample ID: G 34 4 - 4.5' (H240843-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/22/2024	ND	416	104	400	7.41	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: G 43 4 - 4.5' (H240843-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/22/2024	ND	416	104	400	7.41	

# Sample ID: G 52 4 - 4.5' (H240843-06)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/22/2024	ND	416	104	400	7.41	

# Sample ID: G 62 4 - 4.5' (H240843-07)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1870	16.0	02/22/2024	ND	416	104	400	7.41	

### Sample ID: G 64 4 - 4.5' (H240843-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/22/2024	ND	416	104	400	7.41	

# Sample ID: G 65 4 - 4.5' (H240843-09)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/22/2024	ND	416	104	400	7.41	

# Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keene

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/21/2024	Sampling Date:	02/20/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: G 66 4 - 4.5' (H240843-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/22/2024	ND	416	104	400	7.41	

# Sample ID: G 69 4 - 4.5' (H240843-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/22/2024	ND	416	104	400	7.41	

# Sample ID: G 70 4 - 4.5' (H240843-12)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/22/2024	ND	416	104	400	7.41	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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	101 East Mar (575) 393-2:	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	8240 2476											
Company Name: Altamira						-	B	BILL TO				ANALYSIS	SREQUEST	ST
Project Manager: Bryan Haney	Haney					P.O. 1	P.O. #: 21276956							
Address: 4229 Punta Bonaire	onaire					Comp	pany: D	Company: Direct Bill Devon	3				_	
City: Corpus Christi	State:	TX ZIP: 78412				Attn:	Attn: Dale Woodall	foodall		_		_		
Phone #: 361-658-3126						Address:	:sse			_				
Project DVNENM 2401/001	2401/001					City:				_				
Name:	Uraninite 32 CTB2 PW Release	elease				State:		Zip:		_	_		_	
Project Location: A	Artesia, New Mexico					Phone #:	e#			_		C		
Sampler Name: H	Higinio Gonzalez					Fax #:	1					- 1		
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ASE NOTE: Liability and Damages, Ca upplicable service. In no event shall C stes or successors arising out of or re	ASE NOTE: Liability and Damages, Cardina's leality and citent's exclusive remedy for any claim anting whether based in contract or fort, shall be limited to the amount paid by the cleant for the analyses, inplicable service. In no event shall Cardinal be liable for incidented or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits licetured by client, to step or successors arising out of or related to the performance of services hereunder by Cerdinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	edy for any claim anking whether base quental damages, including without it reunder by Cardinal, regardless of s	ed in contract i limitation, bus whether such	act or tort, shal business inter uch claim is bu	all be limited to the amount muptions, loss of use, or assed upon any of the ab	n paid by the c r loss of profit ove stated re	client for the ts incurred b easons or oth	analyses, All claims inclu y client, its subsidiaries, herwise.	I I O TLX	and any other	cause whats	cause whatscever shall be deemed	ed waived unless made	sde in writing and received by Cardinal within 30 days after
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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575) 3	East
(575) 393-2326	01 East Marland,
FAX (575) 393-2476	, Hobbs, NM
39	MN
3-2476	88240

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Private #:         ONE         ONE         Modes:           Private #:         One         Filler         Sample Lice         Sample Lic	City: Corpus Christi	TΧ	12	Attn: Dale Woodall		_		
Notest         Overland         Openand         Openand <t< td=""><td>Phone #: 361-658-3126</td><td></td><td></td><td>Address:</td><td></td><td>_</td><td></td><td></td></t<>	Phone #: 361-658-3126			Address:		_		
Winder Munn:         Unamits 3C (FER PW Reaso         State:         Zp;           Binger Mann:         High to Okrazie         Fax #         Zp;           Binger Mann:         High to Okrazie         Fax #         Fax #         Fax #           Binger Mann:         High to Okrazie         Fax #         Fax #         Fax #         Fax #           Binger Mann:         High to Okrazie         Fax #	DVNENM	401/001		Citv:		_	_	
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Date:     Received By:       Time:     UDA1       Date:     Received By:       Time:     Conserved Temp. °C       Observed Temp. °C     Observed Temp. °C       Corrected Temp. °C     Observed Temp. °C       Corrected Temp. °C     Observed Temp. °C       Date:     Cool       Initiat     Initiat       Initiat     Initiat       Initials     Initials	a line or successors arising out of or relation	ed to the performance of services hereunder by Cardinel, regardle	whout innitation, business interruptions, loss of use, or ess of whether such claim is based upon any of the ab	r loss of profits incurred by client. Its subsidiaries sove stated reasons or otherwise.	1, 1,	and on the other	WINDOWER STORE DE	a been and warved unsets made in writing and received by Cardinal within 30 days att
Date:     Received By:       Time:     Time:       Observed Temp. °C     Observed Temp. °C       Corrected Temp. °C     Observed Temp. °C       Observed Temp. °C     Observed Temp. °C	S.2.Somiquisited by.	Time: Data			Verbal Result:	Yes [	l No se provide E	Add'I Phone #: mail address: bryan.haney@altamira-us.com,
Time:     Temp:       Observed Temp: °C     -O.   oC     Sample Condition     CHECKED BY:     Tumaround Time:     Standard     Bacteria (only) Sample Condition       Corrected Temp: °C     -O.   oC     Cool - Intact     (initials)     Rush     Cool - Intact     Cool - Intact       I     No     No     No     No     No     No     Thermometer ID     #146       Correction Factor     No     No     No     No     No     No	elinquished By:				1 16		F	
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February 23, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/22/24 11:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 1 0-4' (H240879-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	800	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	194	96.9	200	1.48	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	209	105	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.1	% 49.1-14	0						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 2 0-4' (H240879-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	194	96.9	200	1.48	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	209	105	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	71.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.3	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 3 0-1' (H240879-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	194	96.9	200	1.48	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	209	105	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 5 0-5.5' (H240879-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	194	96.9	200	1.48	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	209	105	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1	% 49.1-14	8						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 6 0-5.5' (H240879-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	194	96.9	200	1.48	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	209	105	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 7 0-6' (H240879-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	194	96.9	200	1.48	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	209	105	200	2.78	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	61.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.3	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

### Sample ID: SW - 8 0-2' 0-4' (H240879-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	208	104	200	2.40	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	202	101	200	7.69	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 9 0-0.5' (H240879-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	ND	2.14	107	2.00	4.65	
Toluene*	<0.050	0.050	02/22/2024	ND	2.12	106	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/22/2024	ND	2.08	104	2.00	4.82	
Total Xylenes*	<0.150	0.150	02/22/2024	ND	6.08	101	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/23/2024	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	208	104	200	2.40	
DRO >C10-C28*	<10.0	10.0	02/22/2024	ND	202	101	200	7.69	
EXT DRO >C28-C36	<10.0	10.0	02/22/2024	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.5	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 282 (	borat	oratories				10	CHAIN-OF-CL	-CUSTODY AND ANALYSIS REQUEST	Y AN	D AN	ALYSI	S REC	UES	17			e 11 of 11
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Company Name: Altamira					_	B	BILL TO				ANALYSIS		REQUEST				5
Project Manager: Bryan Haney	in Haney				P	P.O. #: 21276956					_			_		_	-
Address: 4229 Punta Bonaire	Bonaire				0	ompany: D	Company: Direct Bill Devon	on			_				_		
City: Corpus Christi	6	State: TX ZIP: 78412			A	Attn: Dale Woodall	loodall										_
Phone #: 361-658-3126	0				A	Address:											
Project DVNENM	DVNENM 2401/001	2			0	City:	!				_			_			
Project Name:	Uraninite 32 CTB2 PW Release	2 PW Release			s	State:	Zip:			_							
Project Location:	Artesia, New Mexico	60			Pł	Phone #:				_	т (						
Sampler Name:	Higinio Gonzalez				Fa	Fax #:									_		
Lab I.D.				Matrix		PRESERV.	SAMPLING	ING			0	-					
	Samp	Sample I.D.	R (C)OMP							_	σ – π						
Haunana			G)RAB C	ROUND WASTEW	DIL SLUDGE DTHER :	CE / COO	DATE	TIME	× m ·	ID	v m	-					
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0			-	×		×	-		×	×	×						
SE NOTE: Lability and Damages. Cardina's lability a Publicable service. In no event shall Cardina's lability of the or successors arising out of or related to the period	y and Damages. Cardinal's liability and client's auclusive re In no event shall Cardinal be liable for incidential or com arising out of or related to the performence of services	imedy for any claim artising wheth sequental damages, including v hereunder by Cardinal, regard	C 1 her based in contract o without limitation, busis less of whether such o	1 X X X X X X X X X X X X X X X X X X X	of use, or loss o	X X Analysis of profile insured by client, shows above stated reasons or otherwise.	analyses. All claims in y client, its subsidiaries herwise.	cluding those for negligence	X and any other	X r cause whats	X pever shall be dee	med waived un	sless made in writing and	receive	d by Cardinal within	1 30 days after com	7.28 PT
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by OCD impler - UPS - Bus - Other:	e) Other:	Observed Temp. °C Corrected Temp. °C	4.	Sample Condition Cool Intact	act Yes No	CHE	(Initials)	Turnaround Time. Rush Co Thermometer ID # Correction Factor	Cool Index Observed To or #115 #140	Operad .	Bacteria (only) Sam Ind Temp. "C	ple Condition	□ Yes□ Yes □ Na □ No	Yes No Correcte	d Temp. 'C		d to Imaging



February 23, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/22/24 11:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/21/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 1 3.5-4' (H240880-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/23/2024	ND	432	108	400	3.64	

# Sample ID: G 2 3.5-4' (H240880-02)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1400	16.0	02/23/2024	ND	432	108	400	3.64	

### Sample ID: G 3 3.5-4' (H240880-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/23/2024	ND	432	108	400	3.64	

# Sample ID: G 5 3.5-4' (H240880-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	02/23/2024	ND	432	108	400	3.64	

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/21/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

### Sample ID: G 6 3.5-4' (H240880-05)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	02/23/2024	ND	432	108	400	3.64	

# Sample ID: G 8 3.5-4' (H240880-06)

Chloride, SM4500CI-B	mg	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	02/23/2024	ND	432	108	400	3.64	

# Sample ID: G 12 3.5-4' (H240880-07)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	02/23/2024	ND	432	108	400	3.64	

# Sample ID: G 13 3.5-4' (H240880-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	02/23/2024	ND	432	108	400	3.64	

# Sample ID: G 26 4-4.5' (H240880-09)

Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/23/2024	ND	432	108	400	3.64	

# Cardinal Laboratories

\*=Accredited Analyte

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/22/2024	Sampling Date:	02/21/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 36 4-4.5' (H240880-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/23/2024	ND	432	108	400	3.64	

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(575) 393-2326 FAX (575) 393-2476	5) 393-2476			PFOLIFST
Company Name: Altamira	ira		BILL TO	ANALYSIS	REQUEST
Project Manager: Bryan Haney	1 Haney		P.O. #: 21276956		
Address: 4229 Punta Bonaire	onaire		Company: Direct Bill Devon	7	
City: Corpus Christi	State: TX ZIP:	78412	Attn: Dale Woodall		
Phone #: 361-658-3126			Address:		
Project DVNENM 2401/001	2401/001				
Project Name:	Uraninite 32 CTB2 PW Release		State: Zip:	C	
Project Location:	Artesia, New Mexico		Phone #:	н	
Sampler Name:	Higinio Gonzalez		Fax #:		
		Matrix	PRESERV. SAMPLING		
Lab I.D.		s	/		
	Sample I.D.	RAB OR (C)O DNTAINERS DUNDWATE STEWATER	HER : D/BASE: / COOL > HER :	- m - 1 - 6	
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6 applicable service. In no event the	If the softward of the softwar	ther based in contract or tert, shall be limited to the amount of the second or tert, shall be limited to the amount without limitedion, business interruptions, loss of uses (uses of whether such claim to based upon any of the second or whether such claim to based upon any of the second or whether such claims of the second or second o	IN paid by the claim for the analyses. All claims in or loss of profits incurred by client, its subsidiaries, bove stated reasons or otherwise.	cluding those for medigence and any other cause whatsoever shall be deemed	d waived unless made in writing and notekived by Cardinal within 30 days after con
3:20 elinquished By:	1 1	Received By:	1001	Verbal Result:	Add'I Phone #: il address: bryan.haney@attamira-us.com, dvn.com
5/202	Date: Time:	Received By:	0	REMARKS: 24 HR TAT	
by OCD ampler - UPS - Bus - Other:	ne) Observed Temp. °C Other: Corrected Temp. °C	p.°C	n CHECKED BY: (Initials)	Tunuround Tute: StandardBectific (only) Sample Carl Internation Participation Factor	Condition



February 26, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/23/24 10:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/23/2024	Sampling Date:	02/23/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G 59 6.5-6.75' (H240900-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/26/2024	ND	448	112	400	0.00	

# Sample ID: G 62 6-6.5' (H240900-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/26/2024	ND	448	112	400	0.00	

## **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira	nra					BILL TO			AN	ANALYSIS REQUEST	IEST		ļ
Project Manager: Bryan Haney	n Haney				P.O. #: 21276956	1276956			-		-		
Address: 4229 Punta Bonaire	onaire				Company	Company: Direct Bill Devon	von				_		
City: Corpus Christi	State: TX ZIP: 78412	2			Attn: Dal	Attn: Dale Woodall			_	_		_	
Phone #: 361-658-3126					Address:						_		
VNENM	2401/001				City:			_			_	_	
Name:	Uraninite 32 CTB2 PW Release				State:	Zip:		_	-			_	
Project Location:	Artesia, New Mexico				Phone #:				C			_	
ime:	Higinio Gonzalez				Fax #:			_	- 1	_		_	
Lab I.D.			Matrix		PRESERV.	RV. SAMPLING	LING		0 -				
	Sample I.D.	R (C)OMP	VATER		2			망	- 70				
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pplicable service. In no event shall Cardinal be liable for incidental tes or successors arising out of or related to the performance of s or related to the performance of s	liable for incidental or consequental damages, including performance of services hereunder by Cardinal, regan		intam is be	s, loss of use, or io on any of the above	u stated reasons of	phons, loss of use, or loss of profits incurred by client, its subsidiaries and upon any of the above stated nestons or otherwise.	a.	ce and any other cause wh	aptoe	ver shall be dearned waived unless	ed unless made in writing and received by Cardinal	within 30 days	alter completion of
4 3:25	Lime: 0 2	Neceived By	SKO	doi	M	W	Verbal Result: All Results are jimmy gonzalez(	B Yes Baltamira-us	Tease provi	Verbal Result:         E Yes         B-No         Add'l Phone #:           All Results are emailed.         Please provide Email address:         byan.haney@altamira-us.com,           jimmy_donzalez@altamira-us.com, dale.woodall@dvn.com         byan.haney@altamira-us.com,	h <b>one #:</b> )ryan.haney@altarr	iira-us.com,	
5/202 Inquisined By	Date: Time:	Received By	ed By:		1	9	REMARKS: 24 HR TAT	4 HR	TAT	_			
Sampler - UPS - Bus - Other:	ther: Corrected Temp. °C	2.10	1	Sample Condition Cool Intact		(Initials)		Standard Dool Julast	Bacteria jon Observed Temp. 'C	Bacteria (only) Sample Condition			
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February 26, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/23/24 15:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/23/2024	Sampling Date:	02/23/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 1A 0-4' (H240915-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/26/2024	ND	464	116	400	0.00	

# Sample ID: SW - 5A 0-5.5' (H240915-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/26/2024	ND	464	116	400	0.00	

### Sample ID: SW - 10 0-4' (H240915-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.79	89.7	2.00	7.31	
Toluene*	<0.050	0.050	02/24/2024	ND	1.89	94.5	2.00	7.15	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.86	93.1	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.67	94.4	6.00	7.76	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	02/26/2024	ND	464	116	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

# Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/23/2024	Sampling Date:	02/23/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 10 0-4' (H240915-03)

TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2024	ND	189	94.3	200	12.1	
DRO >C10-C28*	<10.0	10.0	02/24/2024	ND	169	84.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	02/24/2024	ND					
Surrogate: 1-Chlorooctane	89.8 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5 %	% 49.1-14	8						

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/23/2024	Sampling Date:	02/23/2024
Reported:	02/26/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

## Sample ID: SW - 12 0-4' (H240915-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2024	ND	1.79	89.7	2.00	7.31	
Toluene*	<0.050	0.050	02/24/2024	ND	1.89	94.5	2.00	7.15	
Ethylbenzene*	<0.050	0.050	02/24/2024	ND	1.86	93.1	2.00	7.60	
Total Xylenes*	<0.150	0.150	02/24/2024	ND	5.67	94.4	6.00	7.76	
Total BTEX	<0.300	0.300	02/24/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/26/2024	ND	464	116	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2024	ND	189	94.3	200	12.1	
DRO >C10-C28*	<10.0	10.0	02/24/2024	ND	169	84.5	200	8.89	
EXT DRO >C28-C36	<10.0	10.0	02/24/2024	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira	(a) and and and a set (a) and (a)			BILL	1 70			ANALYSIS	YSIS REQUEST	[
Project Manager: Brvan Hanev	ev			P.O. #: 21276956			-	_		_
Address: 4229 Punta Bonaire				Company: Direct Bill Devon	ect Bill Devon		_	_		_
City: Corpus Christi	State: TX ZIP: 78412	412		Attn: Dale Woodall	odall					
Phone #: 361-658-3126				Address:			_	_		
Project DVNENM 2401/001	/001			City:						
Project Name: Uran	Uraninite 32 CTB2 PW Release			State:	Zip:		_	2		
on:	Artesia, New Mexico			Phone #:				I (		
	Higinio Gonzalez			Fax #:			_	-		
			Matrix	PRESERV.	SAMPLING			0		
Lab I.D.								70 07		
H2409175	Sample I.D.	AB OR (C)OI INTAINERS	TEWATER	ER : D/BASE: / COOL ER :			m -1 09 -1 -1	m 0 -		
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050	5w-12 0-41	C 1	X	×	142/52/241	335	-	-		
-		C 1	X	×			+	+		
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EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusion of the service. In no event shall Cardinal be liable for incidental to fill the service of section of the section of the service of section of the sectio	IARE NOTE: Labelly and Demages. Cardinal's labelly and client's anclusive remety for any datas acting which based in contract or lost, shall be landed to the anound pold by the client for the analyses. Ad clients to applicable service. In no event shall of contract based in contract or the shall be for the client to subclication or applicable service. In no event shall clients to account pold by the client to subclication or applicable service. In no event shall clients to exist and the service shared upon any of the above staked reasons or otherwise.	whether based in contract or tort sing without limitation, business gardiess of whether such claim	nt, shall be limited to the amounts interruptions, loss of use, o m is based upon any of the at	n paid by the client for the a r loss of profits incurred by t bove stated reasons or othe	the client for the analyses. All claims including th profits incurred by client, its subsidiaries, ad reasons or otherwise.		ose for negligence and any other cause	WINDLOWW	state de deputities meneros sinones e managementes estas	
Stellinguished By:	Date: 1/22/24 Time: 1/02/04	Received By:	By:			Verbal Result: Ves All Results are emailed. Jimmy.gonzalez@altamira-u	Paltamira-us	Com dale woo	Verbal Result:         I Yes         No         Add'l Phone #:           All Results are emailed.         Please provide Email address:         bryan.haney@altamira-us.com,           Jimmy.gonzalez@altamira-us.com.date woodall@dvn.com	
5/202 elinquished By:	Date: Time:	Received By	B		Can.	REMARKS: 2	24 HR	TAT		
. Delivered By: (Circle One) Dampler - UPS - Bus - Other:	r: Corrected Temp. °C 3.0	0,80	Sample Condition Cool Intact		(Initials)	Turnaround Time:	/Standard [	Serv	ty) Sample Condition	
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Released to Imaging: 7/18/2024 2:27:38 PM

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February 27, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/26/24 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/26/2024	Sampling Date:	02/26/2024
Reported:	02/27/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 4 0-6.5' (H240933-01)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/27/2024	ND	1.87	93.7	2.00	2.66	
Toluene*	<0.050	0.050	02/27/2024	ND	2.00	99.8	2.00	1.48	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.99	99.7	2.00	1.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.09	102	6.00	1.07	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/27/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	225	112	200	2.57	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	0						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/26/2024	Sampling Date:	02/26/2024
Reported:	02/27/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - ARTESIA NM		

## Sample ID: SW - 11 0-6' (H240933-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.87	93.7	2.00	2.66	
Toluene*	<0.050	0.050	02/27/2024	ND	2.00	99.8	2.00	1.48	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.99	99.7	2.00	1.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.09	102	6.00	1.07	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/27/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	225	112	200	2.57	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/26/2024	Sampling Date:	02/26/2024
Reported:	02/27/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - ARTESIA NM		

## Sample ID: SW - 13 0-3.5' (H240933-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.87	93.7	2.00	2.66	
Toluene*	<0.050	0.050	02/27/2024	ND	2.00	99.8	2.00	1.48	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.99	99.7	2.00	1.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.09	102	6.00	1.07	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/27/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	225	112	200	2.57	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/26/2024	Sampling Date:	02/26/2024
Reported:	02/27/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 14 0-3.5' (H240933-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.87	93.7	2.00	2.66	
Toluene*	<0.050	0.050	02/27/2024	ND	2.00	99.8	2.00	1.48	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.99	99.7	2.00	1.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.09	102	6.00	1.07	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/27/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	225	112	200	2.57	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/26/2024	Sampling Date:	02/26/2024
Reported:	02/27/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - ARTESIA NM		

## Sample ID: SW - 15 0-3.5' (H240933-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.87	93.7	2.00	2.66	
Toluene*	<0.050	0.050	02/27/2024	ND	2.00	99.8	2.00	1.48	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.99	99.7	2.00	1.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.09	102	6.00	1.07	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/27/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	225	112	200	2.57	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/26/2024	Sampling Date:	02/26/2024
Reported:	02/27/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 16 0-3.5' (H240933-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.87	93.7	2.00	2.66	
Toluene*	<0.050	0.050	02/27/2024	ND	2.00	99.8	2.00	1.48	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.99	99.7	2.00	1.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.09	102	6.00	1.07	
Total BTEX	<0.300	0.300	02/27/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	02/27/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	225	112	200	2.57	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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February 28, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/27/24 11:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/27/2024	Sampling Date:	02/27/2024
Reported:	02/28/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 10 A 0-4' (H240942-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/28/2024	ND	432	108	400	3.77	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira			BILL TO			ANALYSIS	REQUEST
Project Manager: Bryan Haney	iney		P.O. #: 21276956		-		
Address: 4229 Punta Bonaire	ire		Company: Direct Bill Devon	non	_	_	
City: Corpus Christi	State: TX ZIP: 78412		Attn: Dale Woodall			_	
Phone #: 361-658-3126			Address:			_	
VNENM			City:				
Project Name: Uran	Uraninite 32 CTB2 PW Release		State: Zip:		_		
Project Location: Arter	Artesia, New Mexico		Phone #:		_	0	
me:	Higinio Gonzalez		Fax #:		-	- 1	
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50 tes or successors arising out of or related	applicable service. In no event shall Cardinab is lable for incidential or consequential damages, including without limitation, business interruptions, loss of user, or loss of profits incurred by client, its subsidiaries of an or successors arising out of or related to the performance of services herwarder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	assed in contract or tent, shall be limited to the amo ut limitation, business interruptions, loss of use, of whether such claim is based upon any of the i	un paid by the client for the analyses. All claims in or loss of profils incurred by client, its subsidiaries, above stated reasons or otherwise.	cluding those for negligence and any other cause		whatsoever shall be deemed v	waived unless made in writing and received by Cardinal within 30 days after comp
24 3:2 <sup>®</sup> linquished By:	Date: 27-25 Time:/22	Received By:	A Call	Verbal Result:  Ves  No All Results are emailed. Please provide Email address: immy.gonzalez@altamira-us.com.dale.woodall@dvn.com	ailed. Pleas	No e provide Email ac n,dale.wcodall@dvn	Add'I Phone #: Idress: bryan.haney@altamira-us.com, com
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February 28, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/27/24 16:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/27/2024	Sampling Date:	02/27/2024
Reported:	02/28/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW 4A 0-6.5' (H240961-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/28/2024	ND	432	108	400	3.64	

# Sample ID: SW 11A 0-6' (H240961-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/28/2024	ND	432	108	400	3.64	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira	nira				BI	BILL TO			ANI	ANIAI VOIC DE	CHECT	
Project Manager: Bryan Haney	in Haney				P.O. #: 21276956	956			-			
Address: 4229 Punta Bonaire	Bonaire				Company: Direct Bill Devon	rect Bill Devon			_			1
City: Corpus Christi		State: TX ZIP: 78412	2		Attn: Dale Woodall	odall						_
Phone #: 361-658-3126	6				Address:			_				
Project DVNENM 2401/001	2401/001				City:			_	_			
Project Name:	Uraninite 32 CTB2 PW	PW Release			State:	Zip:						_
Project Location:	Artesia, New Mexico	0			Phone #:				0	_		
Sampler Name:	Higinio Gonzalez				Fax #:				т			
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Page 4 of 4



February 29, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/28/24 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/28/2024	Sampling Date:	02/28/2024
Reported:	02/29/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 17 0-6' (H240994-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	0.381	
Toluene*	<0.050	0.050	02/28/2024	ND	2.33	117	2.00	6.77	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.47	123	2.00	9.11	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	7.31	122	6.00	9.35	
Total BTEX	<0.300	0.300	02/28/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/29/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	ND	203	102	200	2.62	
DRO >C10-C28*	<10.0	10.0	02/28/2024	ND	193	96.6	200	3.41	
EXT DRO >C28-C36	<10.0	10.0	02/28/2024	ND					
Surrogate: 1-Chlorooctane	53.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	55.6	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### **Cardinal Laboratories**

### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 Company Name: Altamira Project Manager: Bryan Haney	aney	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	o õ		CHA P.O. #: 21276956 Company: Direct	CHAIN-OF-CU BILL TO 276956 : Direct Bill Devon		AND	ANALT	ANALYSIS RE	ANALYSIS REQUEST			Page 4 of
Project Manager: Bryan Hane Address: 4229 Punta Bonaire	Haney naire				ompany: Dir	P.O. #: 21276956 Company: Direct Bill Devon								
City: Corpus Christi	State: TX	ZIP: 78412			Attn: Dale Woodal	odall						_		
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Relinquished B	ang out of or related to the perturnance or services investigation	Date avial	Received By:				Verbal Result: Ves No Add' Phone #: All Results are emailed. Please provide Email address: bryan hanay@altamira-us.com	I Yes emailed. P	lease provi	de Email ad	Add'l Phone # dress: bryan.h	naney@altan	hira-us.com,	
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March 05, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/04/24 13:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	03/04/2024	Sampling Date:	03/04/2024
Reported:	03/05/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G - 1 5-5.5' (H241061-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/05/2024	ND	448	112	400	0.00	

# Sample ID: G - 2 5-5.5' (H241061-02)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/05/2024	ND	448	112	400	0.00	

### Sample ID: G - 5 5-5.5' (H241061-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/05/2024	ND	448	112	400	0.00	

# Sample ID: G - 6 5-5.5' (H241061-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2024	ND	448	112	400	0.00	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	03/04/2024	Sampling Date:	03/04/2024
Reported:	03/05/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: G - 8 5-5.5' (H241061-05)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	03/05/2024	ND	448	112	400	0.00	

# Sample ID: G - 12 5-5.5' (H241061-06)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/05/2024	ND	448	112	400	0.00	

# Sample ID: G - 13 5-5.5' (H241061-07)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	03/05/2024	ND	448	112	400	3.64	QM-07

### Sample ID: SW - 18 0-5' (H241061-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/05/2024	ND	448	112	400	3.64	

# Sample ID: SW - 19 0-5' (H241061-09)

Chloride, SM4500Cl-B	Cl-B mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/05/2024	ND	448	112	400	3.64	

## Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	03/04/2024	Sampling Date:	03/04/2024
Reported:	03/05/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - ARTESIA NM		

# Sample ID: SW - 20 0-5' (H241061-10)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/05/2024	ND	448	112	400	3.64	

# Sample ID: SW - 21 0-5' (H241061-11)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/05/2024	ND	448	112	400	3.64	

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira		010 000-2020 FMA (010) 000-1110					-		BILL	10				ANALYSIS	SIS REQUEST	Т	
Project Manager: Bryan Haney	Hanev						P.O.	#: 21	#: 21276956	-		_					
Address: 4229 Punta Bonaire	naire						Con	npany	: Direc	Company: Direct Bill Devon				_			_
City: Corpus Christi	State: TX	< ZIP: 78412					Attr	Attn: Dale Woodall	Wood	fall			_		_		_
Phone #: 361-658-3126							Ado	Address:					_				_
Project DVNENM 2401/001	401/001						City:	0						_	_		_
Name:	Uraninite 32 CTB2 PW Release	ease					State:	te:	-	zib:				0	_		
on:	Artesia, New Mexico						Pho	Phone #:				_		т	_		
	Higinio Gonzalez						Fax #:	#					_	٢	-	_	
			-	Matrix	trix		Ļ	PRESERV.	RV.	SAMPLING		_		0	_		
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LN NOTE: Liability and Damages. C	Sw-20 0-5	ndy for any claim arising whether based in contraction without limitation.	C Imitation, b	1 rad or tort, sh business inte	all be il	X I I I I I I I I I I I I I I I I I I I	a, or loss of prol	y the client fi profits incu	X anal clert for the anal its incurred by clie	X X X Annual paid by the client for the analysef. All claims inclused in the analysef. All claims inclused by client, its subaidanties, and, loss of profits incurred by client, its subaidanties,	ding those for negligence	and any othe	r cause who	atsoever shall be	deemed waived unless m	ade in writing and received by Cr	Cardinal within 30 days after co
3:25: So makes or successors arising out of or related to the per	related to the performance of services her	Date: 3.4.24	Recei	Received By:	A:	Received By:		1017	>		Verbal Result:         Yes         No         Add't i           All Results: are emailed.         Ptease provide Email address:         jimmy.gorizaliga@altamira-us.com,date.woodail@dvn.com	D Yes mailed.	Please	dale woods		<b>hone #:</b> bryan.haney@attamira-us.com	Js.com,
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira	2								
				BILL	10			ANAL	ANALYSIS REQUEST
Project Manager: Bryan Haney	Haney			P.O. #: 21276956	956		_	-	
Address: 4229 Punta Bonaire	naire			Company: Direct Bill Devon	ect Bill Devor	1		_	
City: Corpus Christi	State: TX ZIP: 78412	12		Attn: Dale Woodall	odall				
Phone #: 361-658-3126				Address:			_		
VNENM				City:			_		
Project Name: U	Uraninite 32 CTB2 PW Release			State:	Zip:		_		
Project Location: Ar	Artesia, New Mexico			Phone #:				0	
ime:	Higinio Gonzalez			Fax #:			_	- 1	
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Spectrole service. In no event shall Cardinal be liable for incidental or the or successors arising out of or reliated to the performance of service.	6 8	vithout limitation, busin ess of whether such cl	tess interruptions, loss of use, or faim is based upon any of the ab	loss of profits incurred by cli ove stated reasons or otherw					
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March 07, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: URANINITE 32 CTB2 PW RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/07/24 8:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	03/07/2024	Sampling Date:	03/07/2024
Reported:	03/07/2024	Sampling Type:	Soil
Project Name:	URANINITE 32 CTB2 PW RELEASE	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: G 8 6-6.5' (H241148-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/07/2024	ND	416	104	400	3.77	

### Sample ID: G 13 6-6.5' (H241148-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/07/2024	ND	416	104	400	3.77	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira	עודם (פרפ) אפא-באבע דיהה (ערט) ההה-דידה (ווים) זורם	100 miles	BILL TO		ANALYSIS	REQUEST
Project Manager: Bryan Haney	n Haney		P.O. #: 21276956			
Address: 4229 Punta Bonaire	Sonaire		Company: Direct Bill Devon	n		
City: Corpus Christi	State: TX ZIP: 78412	12	Attn: Dale Woodall			
Phone #: 361-658-3126			Address:			
Project DVNENM 2401/001	2401/001					
Name:	Uraninite 32 CTB2 PW Release		State: Zip:		n	
on:	Artesia, New Mexico		Phone #:		н	
	Higinio Gonzalez				F	
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mates or successors aroung out or		Door		-	Yes I No	Verbal Result:  Verbal Result:
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February 19, 2024

BRYAN HANEY ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI, TX 78418

RE: BORROW AREA SAMPLES PIT #206

Enclosed are the results of analyses for samples received by the laboratory on 02/16/24 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	BORROW AREA SAMPLES PIT #206	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: BF - 1 1-10' (H240757-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	80.0	16.0	02/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	0						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	BORROW AREA SAMPLES PIT #206	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: BF - 2 1-10' (H240757-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	BORROW AREA SAMPLES PIT #206	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: BF - 3 1-10' (H240757-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/19/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received:	02/16/2024	Sampling Date:	02/16/2024
Reported:	02/19/2024	Sampling Type:	Soil
Project Name:	BORROW AREA SAMPLES PIT #206	Sampling Condition:	Cool & Intact
Project Number:	DVNENM 2401/001	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - ARTESIA NM		

### Sample ID: BF - 4 1-10' (H240757-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	0.803	
Toluene*	<0.050	0.050	02/16/2024	ND	2.20	110	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	0.910	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.35	106	6.00	0.895	
Total BTEX	<0.300	0.300	02/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/19/2024	ND	464	116	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	216	108	200	0.646	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	208	104	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

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

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

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Altamira	ra .				BILL	TO		-	ANALYSIS		REQUEST	
Address: 4229 Punta Bonaire	Haney			7 0	P.O. #: 212/0950 Company: Direct Bill Devon	t Bill Devon						
City: Corpus Christi		State: TX ZIP: 78412	12	Þ	Attn: Dale Woodall	lall						
Phone #: 361-658-3126				A	Address:							
Project DVNENM 2401/001	401/001			0	City:							
Name:	Uraninite 32 CTB2 PW Release	2 PW Release / Bonco	S Cupy Sum	s (5210	**	Zip:			2			
Project Location: A	Artesia, New Mexico		Pit-#206	P	Phone #:				Ir			
Sampler Name: H	Higinio Gonzalez			T	Fax #:			-	- 1			
FOR LAB USE ONLY			Matrix	trix	PRESERV.	SAMPLING		_	0 1			
Lap 1.U.			RS	R	/			0	- 70			
reconct	Samp	Sample I.D.	RAB OR (C CONTAINER OUNDWAT	STEWATER	ID/BASE:				m 0 -			
1	BE-1	1-10'		X	XIC	2/16/24	120	-	+	-		
d	RF-Z	1-10'	+	×			032	x x	-			
5	84-3	1-10'	C 1	×	×	1.1.	1034	X X	×			
4	BFIN	1-10"	C 1	×	×	11	1036	X X	×			
			C 1	< ×	X			x	× ×			
			c 1	×	×			+	x			
			-	×	×			H	x			
			C 1	× ×	××			x x x	x x			
IFASE NOTE: Liability and Damages. Cardinal's liability an applicable service. In no event shall Cardinal be liable / Minifes or successors arking out of or related to the perfor- sort.	ly and Damages. Cardinal's liability and client's suclus In no event shall Cardinal be liable for incidental or artising out of or related to the performance of serv	ve remedy for consequental ices hereunde	any claim articing whather besed in contract or tort, shall be limit damages, including without limitation, business interruptions, rr by Candinal, regardless of whether such claim is based upo	Ioss of use, in any of the	unt paid by the client for the analyses. All claims in or loss of profits incurred by client, its subsidiaries above stated reasons or otherwise.	2	ding those for negligence	and any other cau	e whatsoever shall	be deamed waived u	and any other cause whatsoever shall be deemed weived unless made in writing and received by Cardinal within 30 days after compi	ardinal within 30 days after con
3:23 elinquished By:	Mr.	Dates/110/04	Received By:	}		2 2 2	Verbal Result:         Yes         No         Adv           All Results are emailed.         Please provide Email addressimmly gonzalez@attamira-us.com.date.woodall@dvn.com	Trailed. Ple altamira-us.c	I No ase provide com, dale. wood	No     Add'I     Please provide Email address:     s.com, dale. woodall@dvn.com	Add'I Phone #: Idress: bryan.haney@altamira-us.com com	IS.COM,
5/202 elinquished By	U	Date: Time:	Received By:			71	REMARKS: 24	HR TA	AT	V		
by OCD mpler - UPS - Bus - Other	ther:	Observed Temp. °C Corrected Temp. °C	0.30	Sample Condition Cool Intact Pres Pres No No No	CHECKED BY: (Initials)		Turnaround Time: Shandard Rush Q Cool Intact Thermometer ID 1414 Correction Factor #140		serv	Bacteria (only) Sample Condition od Temp, 'C	Ves Ves	9 đ

e 7 of 7

# EMAIL CORRESPONDENCE

Jillian Smiley Staff Scientist - Botanist NTG Environmental New Mexico 209 W McKay St, Carlsbad, NM 88220 M: <u>903-747-5570</u> W: <u>575-988-5655</u> Email: <u>Jsmiley@ntglobal.com</u> <u>http://www.ntgenvironmental.com/</u>

From: Kenny Han <<u>KHan@ntglobal.com</u>>
Sent: Monday, July 1, 2024 10:52:54 AM
To: Jillian Smiley <<u>JSmiley@ntglobal.com</u>>
Subject: Fwd: [EXTERNAL] Rejected Report nAPP2400253283

### Get Outlook for Android

From: Ethan Sessums <<u>ESessums@ntglobal.com</u>>
Sent: Tuesday, June 18, 2024 2:35:33 PM
To: Becky Haskell <<u>bhaskell@ntglobal.com</u>>; Kenny Han <<u>KHan@ntglobal.com</u>>; Kellan Smith
<<u>KSmith@ntglobal.com</u>>; Clayton Tumas <<u>CTumas@ntglobal.com</u>>
Subject: Re: [EXTERNAL] Rejected Report nAPP2400253283

You will all need to meet at the office at 6 sharp don't be late.

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: <u>esessums@ntglobal.com</u>

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

From: Ethan Sessums Sent: Monday, June 17, 2024 1:43:45 PM To: Becky Haskell <<u>BHaskell@ntglobal.com</u>>; Kenny Han <<u>KHan@ntglobal.com</u>>; Kellan Smith <<u>KSmith@ntglobal.com</u>>; Clayton Tumas <<u>CTumas@ntglobal.com</u>> Subject: FW: [EXTERNAL] Rejected Report nAPP2400253283 All, I will need the three of you to go out to the Uraninite to collect confirmation 30+ samples via hand auger on the 19<sup>th</sup> the forecast shows the high to be 98 degrees. <mark>I want y'all on site by 7 am **at least** to help beat the heat.</mark>

As a plus the NMOCD has allowed us to collect these as grabs rather than composite samples, this is all due to the fact that the previous consultant did not collect and analyze their samples appropriately.

The unfortunate part is that a 6 of the samples will have to be collected at 8.5ft utilizing a hand auger so it will be a bit of a challenge, thankfully the area was backfilled so it should be softer than the typical lithology in the area (next to parkway west). With this project having had so much money spent on it already by the other consultant we have been asked to shore up any unnecessary costs (meals, mileage) please pick one truck to take and do not charge any meals to this project.

Make sure to download the sample map on your work phones so you know exactly where to sample.

Kenny has been involved with the NMOCD correspondence and is aware of the project specifics, let me or him know if you have any questions.

Many thanks!

p.s. if you believe you need another hand left me know and we will send 4 people instead of 3 depending on whether Becky needs anyone that day.

Ethan Sessums Jr. Field Operations Manager NTG Environmental New Mexico 209 W McKay St, Carlsbad, NM 88220 M: 254-266-5456 W: 432-701-2159 Email: <u>esessums@ntglobal.com</u> <u>http://www.ntgenvironmental.com/</u>



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From: Ethan Sessums
Sent: Friday, May 31, 2024 8:12 AM
To: Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>
Cc: Kenny Han <<u>KHan@ntglobal.com</u>>; Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Rejected Report nAPP2400253283

We plan on resampling all locations that did not have the required analytics performed on them. If the division will allow, we would request that we can collect these as grab samples rather than composite due to the fact each sample will have to be collected using a hand auger. If the samples come back over the threshold an official workplan will be submitted outlining proposed work.

Ethan Sessums Project Manager NTG Environmental New Mexico 209 W McKay St, Carlsbad, NM 88220 M: 254-266-5456 W: 432-701-2159 Email: <u>esessums@ntglobal.com</u> <u>http://www.ntgenvironmental.com/</u>



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From: Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>
Sent: Tuesday, May 28, 2024 1:36 PM
To: Ethan Sessums <<u>ESessums@ntglobal.com</u>>
Cc: Kenny Han <<u>KHan@ntglobal.com</u>>; Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Rejected Report nAPP2400253283

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Sounds good Ethan!

Shelly Wells \* Environmental Specialist-Advanced Environmental Bureau

EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520|Shelly.Wells@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/

From: Ethan Sessums <<u>ESessums@ntglobal.com</u>>
Sent: Tuesday, May 28, 2024 1:35 PM
To: Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>
Cc: Kenny Han <<u>KHan@ntglobal.com</u>>; Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Rejected Report nAPP2400253283

Many thanks we will get that over!

Ethan Sessums Project Manager NTG Environmental New Mexico 209 W McKay St, Carlsbad, NM 88220 M: 254-266-5456 W: 432-701-2159 Email: <u>esessums@ntglobal.com</u> <u>http://www.ntgenvironmental.com/</u>



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From: Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>
Sent: Tuesday, May 28, 2024 1:34 PM
To: Ethan Sessums <<u>ESessums@ntglobal.com</u>>
Cc: Kenny Han <<u>KHan@ntglobal.com</u>>; Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Rejected Report nAPP2400253283

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Good afternoon Ethan,

Yes, you may proceed to recollect the samples via hand auger. Please send your proposed sampling plan to Michael Bratcher and I before recollection (email is fine).

Kind regards,

Shelly

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

From: Ethan Sessums <<u>ESessums@ntglobal.com</u>>
Sent: Tuesday, May 28, 2024 12:49 PM
To: Wells, Shelly, EMNRD <<u>Shelly.Wells@emnrd.nm.gov</u>>; Bratcher, Michael, EMNRD
<<u>mike.bratcher@emnrd.nm.gov</u>>
Cc: Kenny Han <<u>KHan@ntglobal.com</u>>
Subject: [EXTERNAL] Rejected Report nAPP2400253283

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

We picked this up from our client (Devon) from one of their inexperienced consultants. We are wondering if the division would permit us to utilize hand-augers to collect the base samples that were not analyzed for all constituents? In the past we have been allowed to collect small amounts of samples this way rather than dig the entire excavation back up. We just need a yes or no so we can develop a work plan accordingly.

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2400253283, for the following reasons:

- Remediation closure denied. Pursuant to 19.15.29.12(D)1 NMAC, "The samples must be analyzed for the constituents listed in Table I." Prior approval was not provided by OCD to test only for chlorides.
- Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC
- A sampling notice was provided for 2/15/24 but not 2/16, 2/20, 2/21, 3/4 and 3/7. When you resample please submit C-141N notifications at least two business

# days prior to collecting confirmation samples (every day you sample must be accounted for). Resubmit report to the OCD by 7/22/2024.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 326549.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Shelly Wells Environmental Specialist-A

505-469-7520

Shelly.Wells@emnrd.nm.gov

## New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

Ethan Sessums Project Manager NTG Environmental New Mexico 209 W McKay St, Carlsbad, NM 88220 M: 254-266-5456 W: 432-701-2159 Email: <u>esessums@ntglobal.com</u> <u>http://www.ntgenvironmental.com/</u>



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1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 364086

	QUESTIONS
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	364086
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2400253283
Incident Name	NAPP2400253283 URANINITE 32 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2130651506] URANINITE 32 CTB 2

### Location of Release Source

Please answer all the questions in this group.	
Site Name	URANINITE 32 CTB 2
Date Release Discovered	01/02/2024
Surface Owner	State

### Incident Details

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

### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission Crude Oil Released (bbls) Details Not answered. Cause: Equipment Failure | Fitting | Produced Water | Released: 8 BBL | Recovered: 3 BBL | Produced Water Released (bbls) Details Lost: 5 BBL Is the concentration of chloride in the produced water >10,000 mg/l No 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. Lease Operator noticed a leak coming from a poly line flange on the discharge side of a Are there additional details for the questions above (i.e. any answer containing water transfer pump. The leak was isolated to stop the spill. 5.88 bbls produced water Other, Specify, Unknown, and/or Fire, or any negative lost amounts) estimated was released in containment and on the pad. 3 bbls Recovered.

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **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 364086

Page 347 of 353

QUESTIONS (continued)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	364086
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e	. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	diation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required eases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 07/15/2024

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

# **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 364086

Page 348 of 353

QUESTIONS (continued)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	364086
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### 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 26 and 50 (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 ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Νο

### Remediation Plan

Please answer all the questions th	nat apply or are indicated. This information must be provided t	o the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report der	monstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertica	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	256
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
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 N vhich includes the anticipated time	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 N which includes the anticipated time	IMAC unless the site characterization report includes complete	
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date will On what date will (or did) th	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. II the remediation commence	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 06/19/2024
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil On what date will (or did) th On what date will (or was) t	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. Il the remediation commence he final sampling or liner inspection occur	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NM/ 06/19/2024 06/19/2024
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. Il the remediation commence he final sampling or liner inspection occur the remediation complete(d)	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NM/ 06/19/2024 06/19/2024 06/19/2024
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volur	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. Il the remediation commence he final sampling or liner inspection occur the remediation complete(d) ace area (in square feet) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NM/ 06/19/2024 06/19/2024 06/19/2024 0
Per Subsection B of 19.15.29.11 N which includes the anticipated tim On what estimated date wil On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volun What is the estimated surfa	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. Il the remediation commence he final sampling or liner inspection occur the remediation complete(d) ace area (in square feet) that will be reclaimed me (in cubic yards) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 06/19/2024 06/19/2024 06/19/2024 0 0

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

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QUESTIONS, Page 4

Action 364086

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 364086 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
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	R360 ARTESIA LLC LANDFARM [fEEM0112340644]
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 ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ises which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface a does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 07/15/2024

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

Action 364086

QUESTIONS (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 364086
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	

## 5.4

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

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

**QUESTIONS** (continued)

QUESTIONS, Page 6

Action 364086

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Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	364086
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Sampling Event Information	
Last sampling notification (C-141N) recorded	354835
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/19/2024
What was the (estimated) number of samples that were to be gathered	57
What was the sampling surface area in square feet	11500
Remediation Closure Request	amediation stans have been completed
Only answer the questions in this group if seeking remediation closure for this release because all r Requesting a remediation closure approval with this submission	
	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	A closure report was previously submitted and rejected by the OCD. This report is where NTGE was onsite to collect auger samples to confirm that the Site is compliant with NMAC 19.15.29.12 Table I Closure Criteria and to close out the spill pursuant to OCD requests.
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are require asses which may endanger public health or the environment. The acceptance of a C-141 report b adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 07/15/2024

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

QUESTIONS, Page 7

Action 364086

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QUESTIONS (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 364086
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Reclamation Report	

Only answer the questions in this group if all reclamation steps have been completed. Requesting a reclamation approval with this submission No

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

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Action 364086

Condition Date 7/18/2024

Operator: OGRID: DEVON ENERGY PRODUCTION COMPANY, LP 6137 333 West Sheridan Ave. Action Number: Oklahoma City, OK 73102 364086 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

### CONDITIONS

Created By Condition scwells None