

URANINITE 32 CTB 2

1/2/2024

OCD INCIDENT nAPP2400253283

Spill Volume(Bbls) Calculator	
Inputs in blue, Outputs in red	
Contaminated Soil measurement	
Area (sq feet)	Depth (in)
5,082.00	0.25
Cubic Feet of Soil Impacted	105.88
Barrels of Soil Impacted	18.87
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	2.83
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	2.83
Free Standing Fluid Only	
Area (sq feet)	Depth (inches))
0.00	0.000
Standing fluid	0.00
Total fluids spilled	2.83

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



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432-701-2159
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July 12, 2024

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 ½-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, G-20, 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

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Uraninite 32 CTB 2
Devon Energy Production Company
Eddy Co, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C36)		
			Table 1 Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
Base 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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C36)	Total GRO/DRO/MRO (C6-C36)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
			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
Sidewall Confirmation 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)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

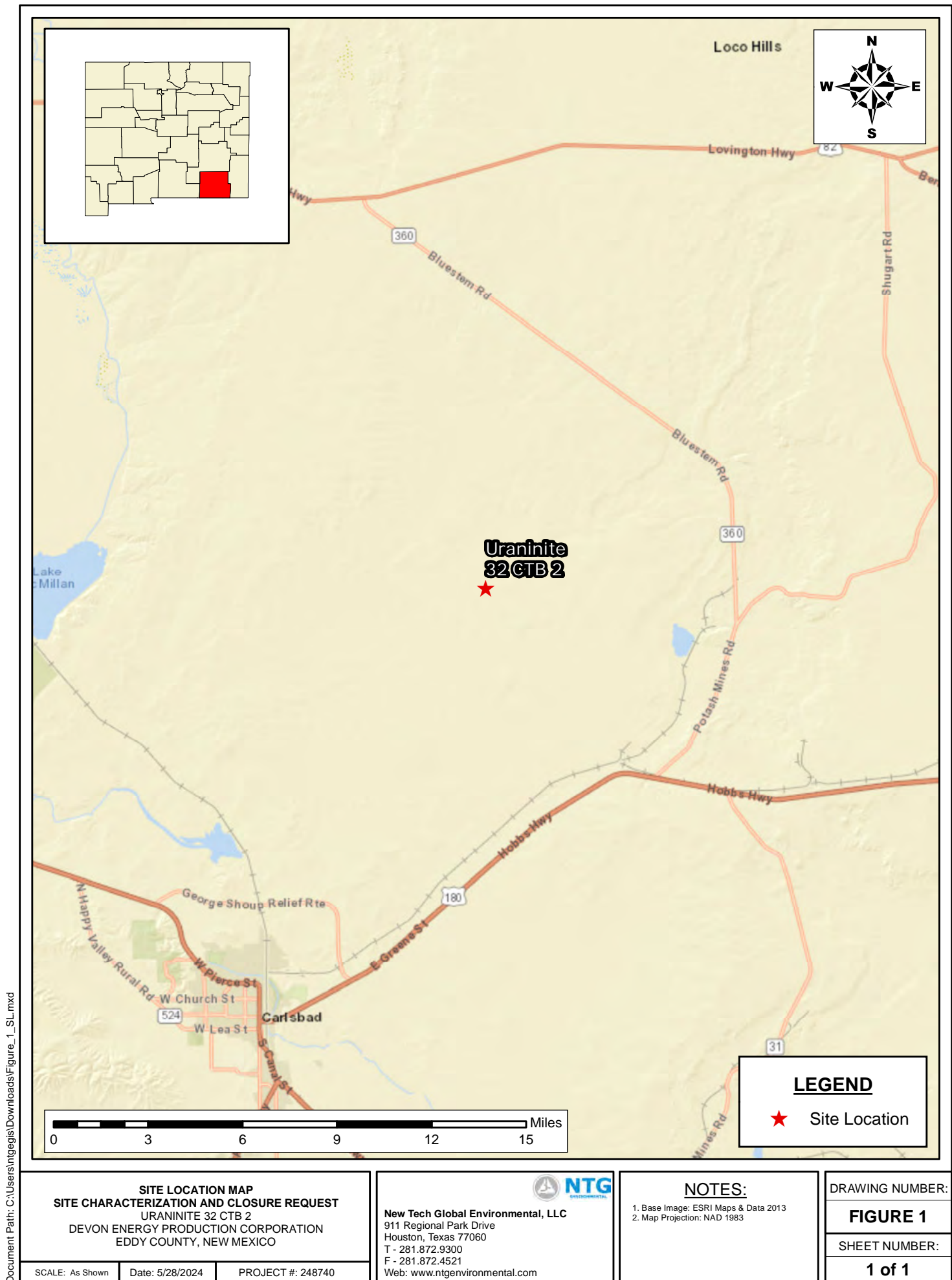
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

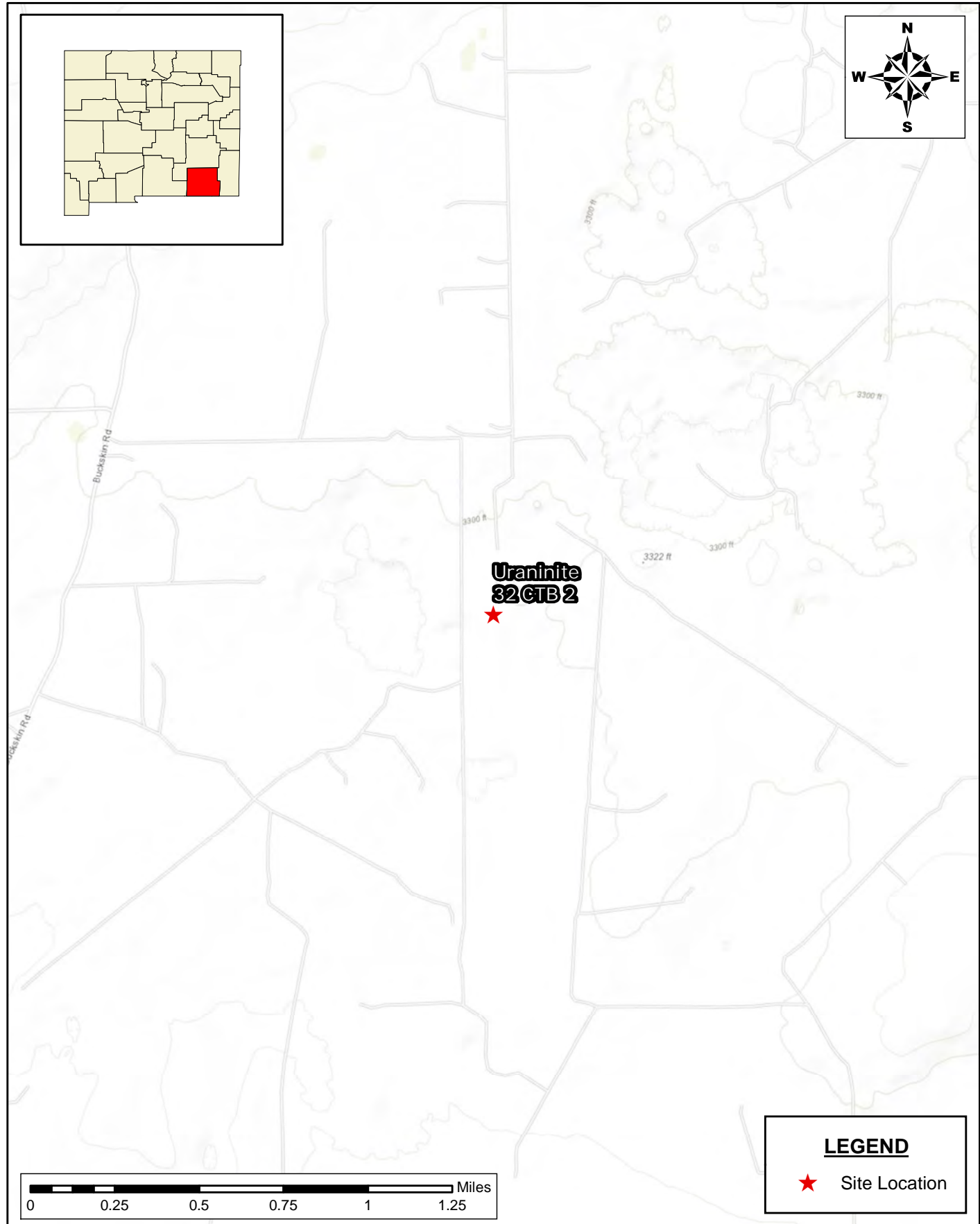
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

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

9. --- Not Analyzed

FIGURES





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TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND CLOSURE REQUEST
URANINITE 32 CTB 2
DEVON ENERGY PRODUCTION CORPORATION
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/28/2024 PROJECT #: 248740



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

NOTES:

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

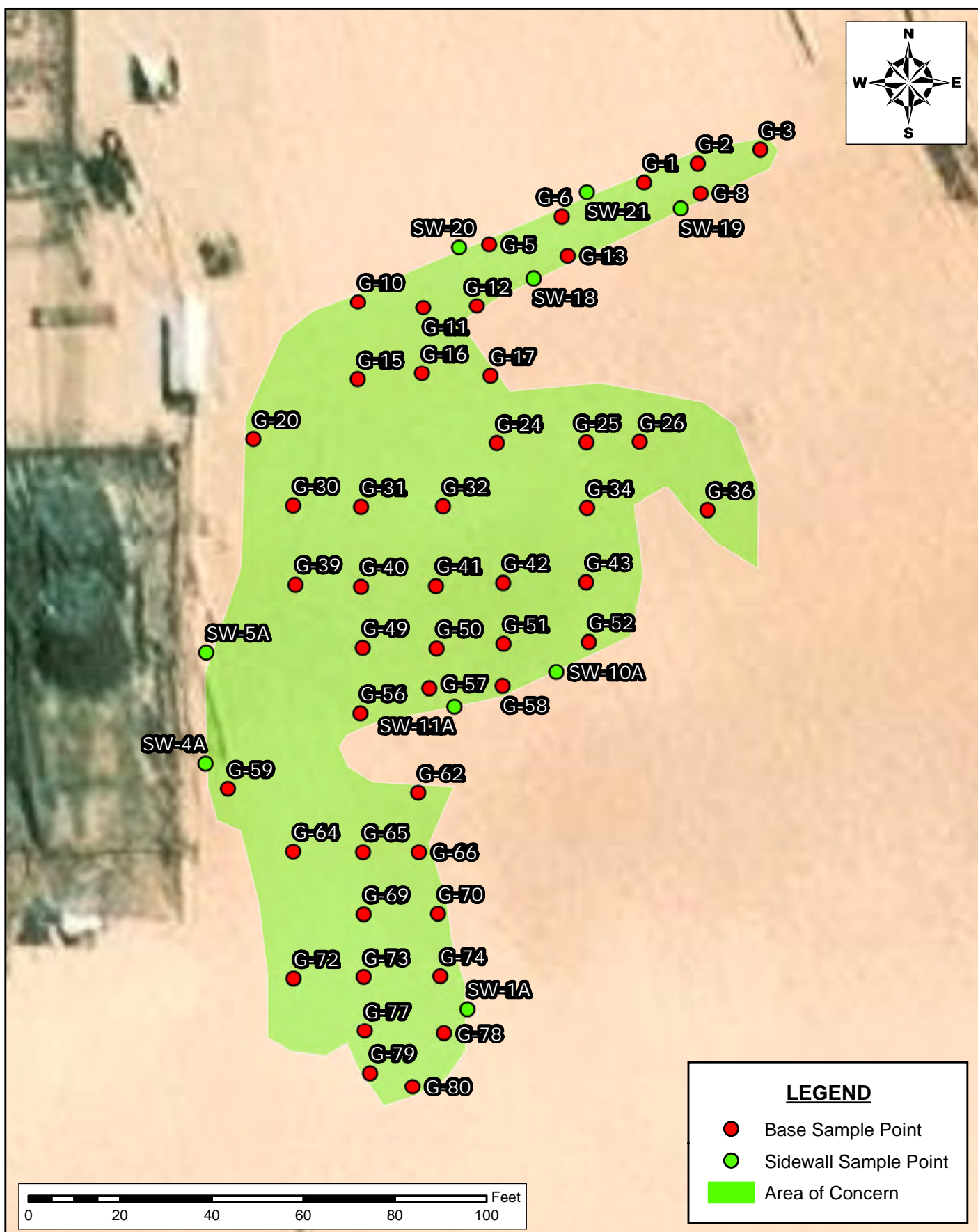
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

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LEGEND

- Base Sample Point
- Sidewall Sample Point
- Area of Concern

AUGER SAMPLE MAP
SITE CHARACTERIZATION AND CLOSURE REQUEST
 URANINITE 32 CTB 2
 DEVON ENERGY PRODUCTION CORPORATION
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 6/26/2024

PROJECT #: 248740



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

NOTES:

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

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

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

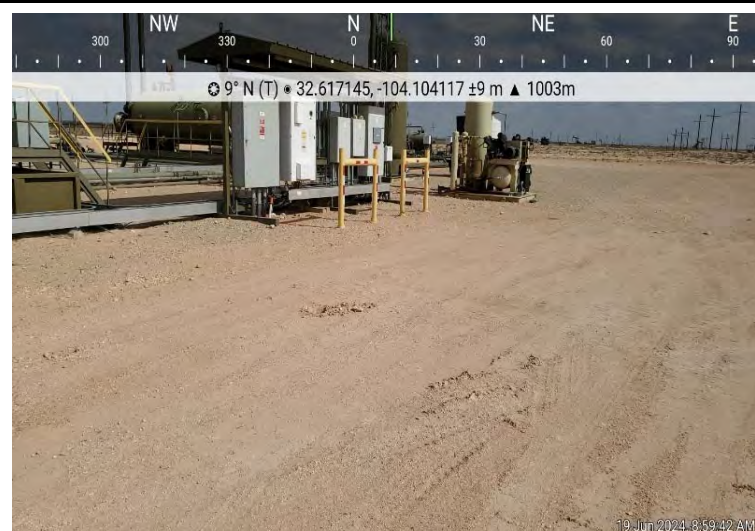
Description:
View of Sampler Bore

**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 (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50	x	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	600	100		50	10
<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						
<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

National Flood Hazard Layer FIRMette



104°6'34"W 32°37'18"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°5'56"W 32°36'48"N

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

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/28/2024 at 2:17 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

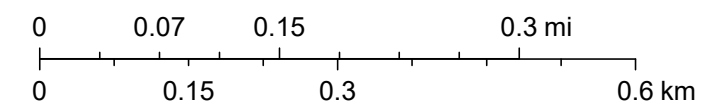
OCD Well Locations



5/28/2024, 12:19:16 PM

1:9,028

- Wells - Large Scale
- Gas, Active
 - Gas, Cancelled
 - Oil, Active
- Oil, Cancelled
- Oil, New
- Oil, Plugged
- Incident Release
- Produced Water Release
- Karst Occurrence Potential
- High
- PLSS Second Division
- PLSS First Division



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

OSE POD Location Map



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

- Override 1

Recently Edited PODs

GIS WATERS PODs

Active
- Plugged

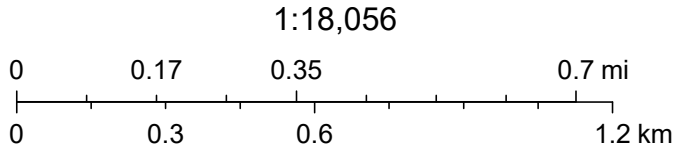
OSE District Boundary

New Mexico State Trust Lands

Subsurface Estate
- Both Estates

NHD Flowlines

Stream River






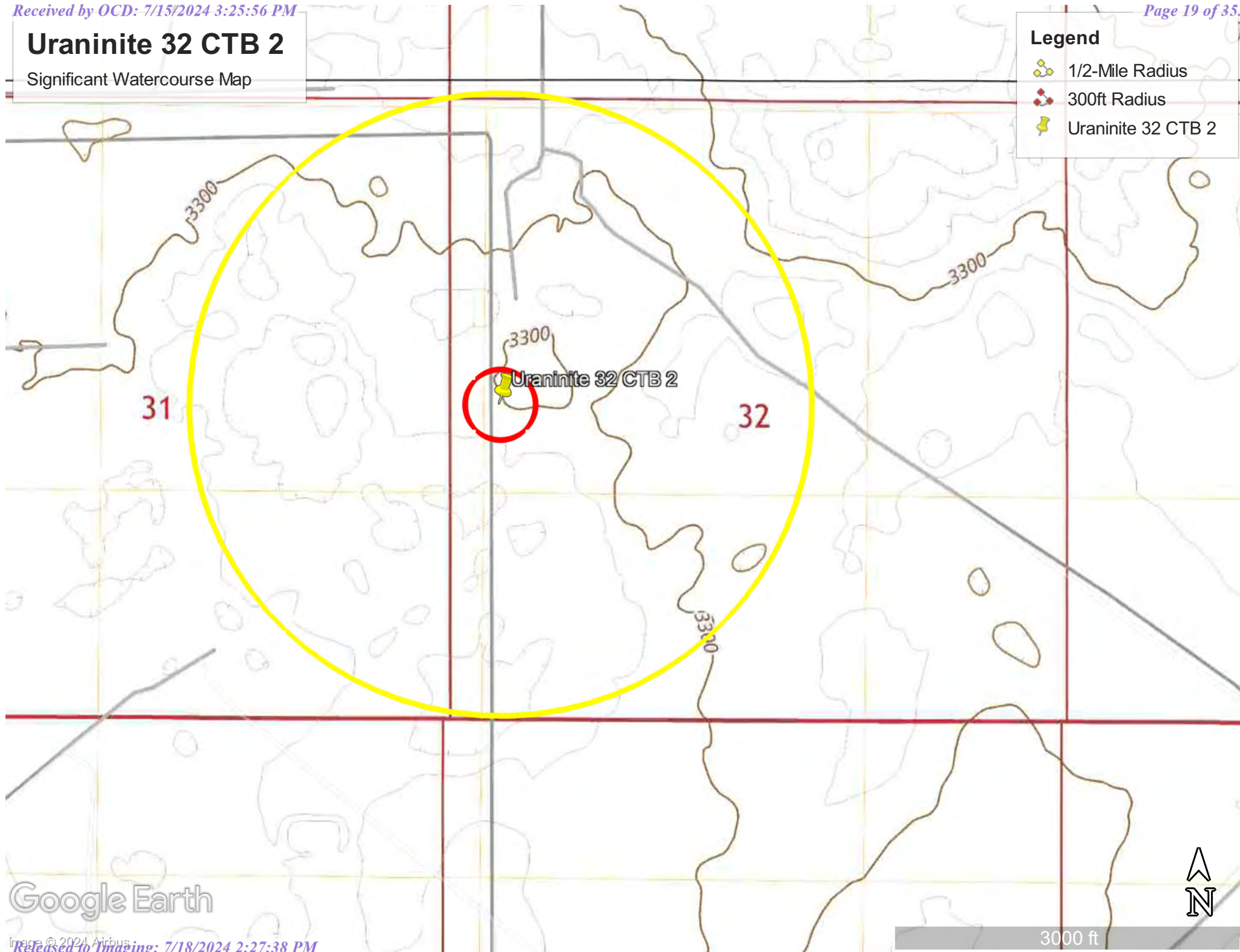
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Uraninite 32 CTB 2

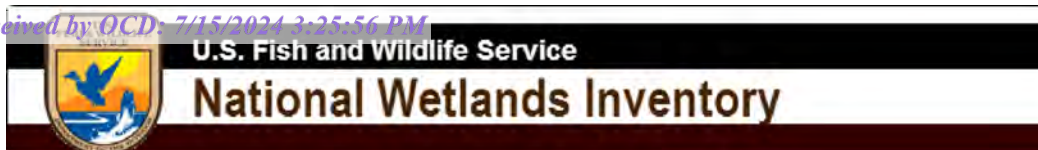
Significant Watercourse Map

Legend

-  1/2-Mile Radius
-  300ft Radius
-  Uraninite 32 CTB 2



Google Earth



Uraninite 32 CTB 2



May 28, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

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

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

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

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

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

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	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 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	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 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

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	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 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		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 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	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 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	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 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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		Analyzed 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 % 71.5-134

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	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 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

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	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 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	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 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	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 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	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 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	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 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	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 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	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 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	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 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	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 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

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

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

BTX 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	06/25/2024	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 BTX	<0.300	0.300	06/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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)

BTX 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	06/25/2024	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 BTX	<0.300	0.300	06/25/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2024	ND	400	100	400	3.92	

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

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 62.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

BTX 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	06/25/2024	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 BTX	<0.300	0.300	06/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/24/2024	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/24/2024	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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		Analyzed 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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Analytical Results For:

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

Received:	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		Analyzed 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 % 71.5-134

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	06/24/2024	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctadecane 69.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2024
 Reported: 06/26/2024
 Project Name: URANINITE 32 CTB 2
 Project Number: 248740
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 06/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

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

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	06/25/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No.:

4243644

Page 1 of 6



Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:				Uraninite 32 CTB 2				Turn Around				ANALYSIS REQUEST																Preservative Codes											
Project Number:				248740				<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																				None: NO DI Water: H ₂ O											
Project Location				Eddy County, NM				Due Date:																				Cool: Cool MeOH: Me HCL: HCl HNO ₃ : HN NaOH: Na											
Sampler's Name:				Clayton T. Kenny H				TAT starts the day received by the lab, if received by 4:30pm																				H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC											
PO #				21276956																																			
SAMPLE RECEIPT								Temp Blank:				Yes: <input checked="" type="checkbox"/> No: <input checked="" type="checkbox"/>				Wet Ice:				Yes: <input checked="" type="checkbox"/> No: <input checked="" type="checkbox"/>				Parameters															
Received intact:								Yes: <input checked="" type="checkbox"/> No: <input checked="" type="checkbox"/>				Thermometer ID:				140																							
Cooler Custody Seals:								Yes: No <input checked="" type="checkbox"/> N/A: <input checked="" type="checkbox"/>				Correction Factor:																											
Sample Custody Seals:								Yes: No <input checked="" type="checkbox"/> N/A: <input checked="" type="checkbox"/>				Temperature Reading:				-7.6°C																							
Total Containers:								56				Corrected Temperature:																											
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments							
G-3		3.5-4'		6/19/2024				X				Grab		1		BTX 8021B																							
G-10		3.5-4'		6/19/2024				X				Grab		1		TPH 8015M (GRO + DRO + MRO)																							
G-79		3.5-4'		6/19/2024				X				Grab		1		Chloride 4500																							
G-24		4.4-5'		6/19/2024				X				Grab		1																									
G-25		4.4-5'		6/19/2024				X				Grab		1																									
G-26		4.4-5'		6/19/2024				X				Grab		1																									
G-32		4.4-5'		6/19/2024				X				Grab		1																									
G-34		4.4-5'		6/19/2024				X				Grab		1																									
G-36		4.4-5'		6/19/2024				X				Grab		1																									
G-41		4.4-5'		6/19/2024				X				Grab		1																									

Additional Comments:

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		6-10-24 1110			



Chain of Custody

Work Order No.:

4243644

Page 2 of 6



Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Turn Around						ANALYSIS REQUEST																	Preservative Codes											
Project Name:		Uraninite 32 CTB 2		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																			None: NO DI Water: H ₂ O									
Project Number:		248740																							Cool: Cool MeOH: Me									
Project Location		Eddy County, NM		Due Date:																					HCL HC HNO ₃ : HN									
Sampler's Name:		Clayton T. Kenny H																							H ₂ SO ₄ : H ₂ NaOH: Na									
PO #		21276956		TAT starts the day received by the lab, if received by 4:30pm																					H ₃ PO ₄ : HP									
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Well Ice:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																			NaHSO ₄ : NABIS							
Received Inact:		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID:				Correction Factor:		-7.6°C																	Na ₂ S ₂ O ₅ : NaSO ₃							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		Corrected Temperature:																					Zn Acetate+NaOH: Zn							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A																									NaOH+Ascorbic Acid: SAPC							
Total Containers:		56																																
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont																			Sample Comments	
G-42		3.5-4'		6/19/2024				X				Grab		1																				
G-43		3.5-4'		6/19/2024				X				Grab		1																				
G-50		3.5-4'		6/19/2024				X				Grab		1																				
G-51		4.4-5'		6/19/2024				X				Grab		1																				
G-52		4.4-5'		6/19/2024				X				Grab		1																				
G-57		4.4-5'		6/19/2024				X				Grab		1																				
G-58		4.4-5'		6/19/2024				X				Grab		1																				
G-64		4.4-5'		6/19/2024				X				Grab		1																				
G-66		4.4-5'		6/19/2024				X				Grab		1																				
G-69		4.4-5'		6/19/2024				X				Grab		1																				

Additional Comments:

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		6-20-24 1110			



Chain of Custody

Work Order No:

4243644

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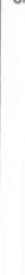

Project Manager	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name	NTG Environmental	Company Name	Devon
Address	209 W McKay St	Address	
City, State ZIP	Carlsbad, NM 88220	City, State ZIP	
Phone	432-701-2159	Email	esessums@ntglobal.com

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

[illegible][illegible]

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6-20-24 1110			



Chain of Custody

Work Order No: H343044

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Uraninite 32 CTB 2			Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:		248740			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush														None: NO DI Water: H ₂ O				
Project Location:		Eddy County, NM			Due Date:														Cool: Cool MeOH: Me				
Sampler's Name:		Clayton T. Kenny H			TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN				
PO #		21276956																	H ₂ SO ₄ : H ₂ NaOH: Na				
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:				140														NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:																		Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:				-7.6°C														Zn Acetate+NaOH: Zn	
Total Containers:		56		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
G-6	5-5.5'	6/19/2024		X		Grab	1	X	X	X													
G-12	5-5.5'	6/19/2024		X		Grab	1	X	X	X													
G-8	6-6.5'	6/19/2024		X		Grab	1	X	X	X													
G-13	6-6.5'	6/19/2024		X		Grab	1	X	X	X													
G-15	6-6.5'	6/19/2024		X		Grab	1	X	X	X													
G-16	6-6.5'	6/19/2024		X		Grab	1	X	X	X													
G-17	6-6.5'	6/19/2024		X		Grab	1	X	X	X													
G-20	6-6.5'	6/19/2024		X		Grab	1	X	X	X													
G-65	6-6.5'	6/19/2024		X		Grab	1	X	X	X													
G-59	6.5-6.75'	6/19/2024		X		Grab	1	X	X	X													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	6-20-24 1110			



Chain of Custody

Work Order No:

14343044

Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Uraninite 32 CTB 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes				
Project Number:	248740	Due Date:													None: NO	DI Water: H ₂ O			
Project Location:	Eddy County, NM														Cool: Cool	MeOH: Me			
Sampler's Name:	Clayton T. Kenny H														HCL: HC	HNO ₃ : HN			
PO #:	21276956														H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP			
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:														Zn Acetate+NaOH: Zn			
Total Containers:	56	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
G-62	6-5-6.75'	6/19/2024		X		Grab	1	X	X	X	X								
G-30	8-8.5'	6/19/2024		X		Grab	1	X	X	X	X								
G-31	8-8.5'	6/19/2024		X		Grab	1	X	X	X	X								
G-39	8-8.5'	6/19/2024		X		Grab	1	X	X	X	X								
G-40	8-8.5'	6/19/2024		X		Grab	1	X	X	X	X								
G-49	8-8.5'	6/19/2024		X		Grab	1	X	X	X	X								
G-56	8-8.5'	6/19/2024		X		Grab	1	X	X	X	X								
SW-1A	0-4'	6/19/2024		X		Grab	1	X	X	X	X								
SW-10A	0-4'	6/19/2024		X		Grab	1	X	X	X	X								
SW-18	0-5'	6/19/2024		X		Grab	1	X	X	X	X								

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	6-20-24 1110			



Chain of Custody

Work Order No: H243644

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Uraninite 32 CTB 2	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	248740	Due Date:															None: NO	DI Water: H ₂ O			
Project Location:	Eddy County, NM																Cool: Cool	MeOH: Me			
Sampler's Name:	Clayton T. Kenny H																HCL: HC	HNO ₃ : HN			
PO #	21276956																H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na ₂ S ₂ O ₅ : NaSO ₃			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:	56	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-19	0-5'	6/19/2024		X		Grab	1	X	X	X											
SW-20	0-5'	6/19/2024		X		Grab	1	X	X	X											
SW-21	0-5'	6/19/2024		X		Grab	1	X	X	X											
SW-11A	0-6'	6/19/2024		X		Grab	1	X	X	X											
SW-4A	0-6.5'	6/19/2024		X		Grab	1	X	X	X											
SW-5A	0-6.5'	6/19/2024		X		Grab	1	X	X	X											

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>6:30 AM 1110</u>			

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-of-custody documents and laboratory reports are provided in **Appendix E**.

Sample Type	Analysis	Laboratory Method
Soil	Total Petroleum Hydrocarbons (TPH)	8015M
Soil	Benzene, Toluene, Ethylbenzene, Xylenes	8260B
Soil	Chlorides	4500-Cl-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 applicable 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 re-establish 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.

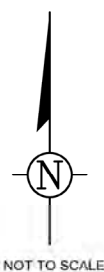
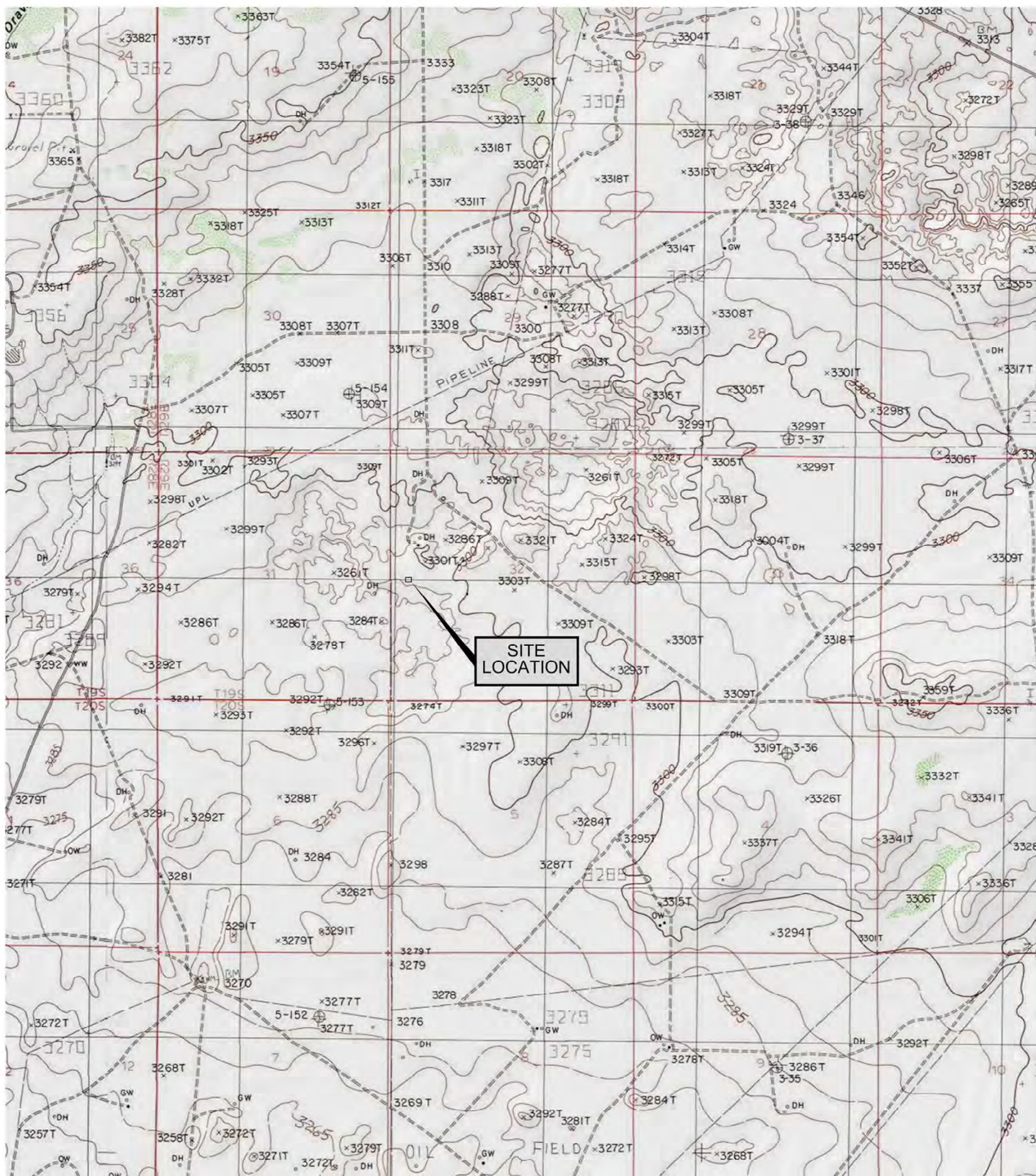
Analytical data results for post excavation confirmation soil validate the completion of affected soil removal from the release area.

- 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

CITY:(Read) DIV:(GROUP):(Read) DB:(Read) LD:(Opt) PIC:(Opt) PM:(Read) TM:(Opt) LYR:(Opt)ON=3;OFF=2;REF*
C:\Program Files\Maxim\Remediation\Uranium\32 G18\Borehole\Figures\Maxim\DTNMCM2401 - ULRAN1\Fig1.32 OFF-2.dwg LAYOUT: FIGURE 1 SAVED: 3/5/2004 3:21 PM ACADVP: 24.3S (MS TECH) PAGES SETUP: ---- PLOT STYLE TABLE: ---- PLOTTED: 3/5/2004 3:25 PM BY: AARON LOZANO



DEVON ENERGY PRODUCTION COMPANY L.P.
URANINITE 32 CTB-2
nAPP2400253283
EDDY COUNTY, NEW MEXICO

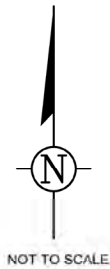
TOPOGRAPHIC MAP



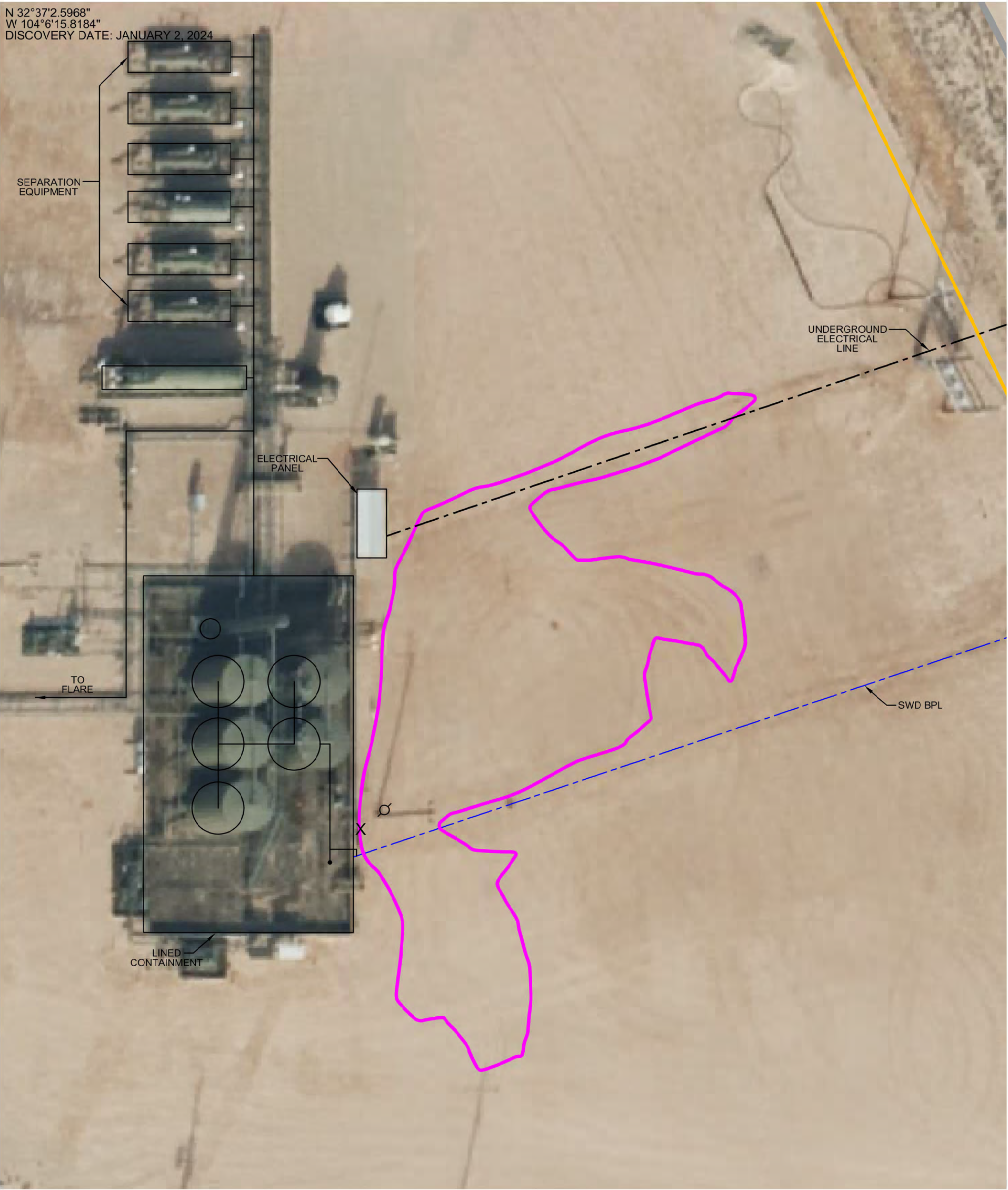
FIGURE

1

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) Lyr:(Opt)ON=":OFF="REF"
P:\Devon\New Mexico - Remediation\Uraninite 32 CTB Remediation\Figures-Maps\DVNENM2401 - URANINITE 32 CTB 2.dwg LAYOUT: FIGURE 2 SAVED: 3/5/2024 3:21 PM ACADVER: 24.3S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 3/5/2024 3:27 PM BY: AARON LOZANO



DEVON ENERGY PRODUCTION COMPANY L.P. URANINITE 32 CTB-2 nAPP2400253283 EDDY COUNTY, NEW MEXICO	
SITE LOCATION MAP	
 ALTAMIRA	FIGURE 2



Approximate Scale 30'

LEGEND

- PAD
- SPILL AREA
- UTILITY POLE
- POINT OF RELEASE

DEVON ENERGY PRODUCTION COMPANY L.P.
URANINITE 32 CTB-2
nAPP2400253283
EDDY COUNTY, NEW MEXICO

SITE PLAN



FIGURE

3

CITY:(Regd) DIV:GROUP:(Regd) DB:(Regd) LD:(Regd) PIC:(Opt) PM:(Regd) TM:(Opt) LYR:(Opt)ON="":OFF="":REF="":
 P:Devon New Mexico - Remediation/Urban/Inactive 32 CTB:Remediation/Maps/DevonNM2401 - URBANINITE 32 CTB 2.rwf
 LAYOUT: PICTURE 4 SAVED: 3/21/2024 11:42 AM ACADVER: 24.3S (LMS TECH) PAGESSETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 3/21/2024 11:43 AM BY: AARON LOZANO





TABLE 1
Analytical Data Results Summary – Post Excavation Soil Samples (mg/kg)

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		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 Criteria (0-4')		600	50	10	-	-	-	100
Table I - Closure Criteria (below 4')		600	50	10	-	-	-	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
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

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		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 Criteria (0-4')		600	50	10	-	-	-	100
Table I - Closure Criteria (below 4')		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
G20 (4-4.5')	2/15/2024	3,960	<0.300	<0.050	<10	<10	<10	<10
G20 (6-6.5')	2/19/2024	336	-	-	-	-	-	-
G21 (4-4.5')	2/14/2024	176	<0.300	<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 (4-4.5')	2/20/2024	128	-	-	-	-	-	-

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		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 Criteria (0-4")		600	50	10	-	-	-	100
Table I - Closure Criteria (below 4")		600	50	10	-	-	-	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	-	-	-	-	-	-
G31 (6-6.5')	2/14/2024	688	<0.300	<0.050	<10	<10	<10	<10
G31 (8-8.5')	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
G38 (5.5-6')	2/15/2024	288	<0.300	<0.050	<10	<10	<10	<10

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		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 Criteria (0-4')		600	50	10	-	-	-	100
Table I - Closure Criteria (below 4')		600	50	10	-	-	-	100
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	-	-	-	-	-	-

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		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 Criteria (0-4')		600	50	10	-	-	-	100
Table I - Closure Criteria (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	-	-	-	-	-	-
G58 (1-1.5')	2/15/2024	4,160	<0.300	<0.050	<10	<10	<10	<10
G58 (4-4.5')	2/19/2024	512	-	-	-	-	-	-
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
G62 (1-1.5')	2/15/2024	6,320	<0.300	<0.050	<10	<10	<10	<10
G62 (4-4.5')	2/20/2024	1,870	-	-	-	-	-	-
G62 (6.5-6.75')	2/23/2024	272	-	-	-	-	-	-
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	-	-	-	-	-	-

Table 1
Analytical Data Summary -
Confirmation Soil Samples (mg/kg)
Devon Energy - Uraninite 32 CTB-2 Produced Water Release
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Analyte Method		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 Criteria (0-4')		600	50	10	-	-	-	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
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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		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 Criteria (0-4')		600	50	10	-	-	-	100
Table I - Closure Criteria (below 4')		600	50	10	-	-	-	100
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
SW-4 (0-6.5')	2/26/2024	608	<0.300	<0.050	<10	<10	<10	<10
SW-4A (0-6.5')	2/27/2024	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-10A (0-4')	2/27/2024	240	-	-	-	-	-	-
SW-11 (0-6')	2/26/2024	1,360	<0.300	<0.050	<10	<10	<10	<10
SW-11A (0-6')	2/27/2024	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		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 Criteria (0-4')		600	50	10	-	-	-	100
Table I - Closure Criteria (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
Side-wall over-excavated and resampled as SW-20 (0-5') and SW-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	<10	<10	<10
Side-wall over-excavated and resampled as SW-18 (0-5') and SW-19 (0-5')								
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:

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)

**Table 2 - Analytical Data Summary -
Soil Borrow Area Results (mg/kg)
Devon Energy - Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283
Near Carlsbad, Eddy County, New Mexico**

Analyte Method		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 Criteria (0-4')		600	50	10	-	-	-	100
Table I - Closure Criteria (below 4')		600	50	10	-	-	-	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

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 299074

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 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	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.
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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QUESTIONS, Page 2

Action 299074

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 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 all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Action 299074

ACKNOWLEDGMENTS

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

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

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CONDITIONS

Action 299074

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition 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

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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Phone:(575) 393-6161 Fax:(575) 393-0720
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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 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	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 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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CONDITIONS

Action 302898

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
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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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 313604

QUESTIONS

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

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

Sampling Event General Information*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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CONDITIONS

Action 313604

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 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



APPENDIX B
Photographic Documentation

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



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

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



View of release area along the underground electric corridor



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

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



Liner Inspection – View south at containment and liner



Liner Inspection – view of south end of containment and liner

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



Liner Inspection – view of liner in northern portion of containment



Liner Inspection – view of south end of containment and liner

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



Liner Inspection – view of liner between storage tanks



View north at active soil excavation activities

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



View northeast at remedaiton area

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



View west at soil remediation area – electrical corridor



View southeast at soil remediation area

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



View west at soil remediation area showing overall depth of excavation



View southwest at overall soil remediation area

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



Excavated soil stockpile temporarily stored on plastic in contained area



View showing overall soil remediation area

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



View west showing additional soil excavation along electrical corridor



Backfilling process in southern and central excavation area

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



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



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

**Photograph Log – Uraninite 32 CTB-2 Produced Water Release
Incident ID: nAPP2400253283**



View north at final backfilled and compacted area



APPENDIX C
Field Documentation

Client: DevonProject: Uraninite 32 CTB-2Page: 1 of 1Date: 01-08-24By: H. Gonzalez

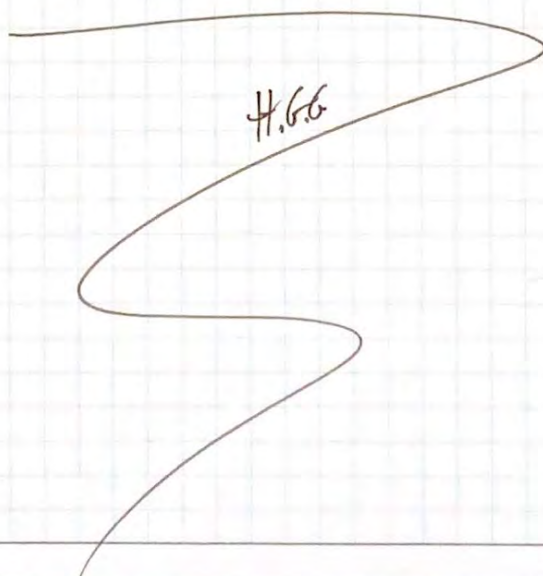
Weather: Cold, High Winds, Snow Flurries.

Staff on site: H. Gonzalez

- Arrived on site at 1200 to perform Survey of site and Characterization.
- ★ Point of release is a flange for an above ground SWB line that goes to the south. Affected soil is south of the tank battery.
- ★ Noted spill ran along a depression in the soil from a buried Electrical trench that provides shore power to the entire facility.
- ★ Noted lined inner berm is clear of water from spill, no tears in the liner were witnessed.
- performed site walkthrough, drew a field map, and took photos of the spill area.

Key Factors to Consider

- There is a utility pole east of the point of release in the spill area.
- Spill area is directly in front of the load lines for the facility, will need to make accommodations for tankers to be able to have access to these.
- SWB BPL runs through the spill area, depth unknown.
- Conduit from tank battery runs along the south side of the berm. Constructed of an aluminum wire run with concrete standoffs.
- Left site at 1315.



01-08-24
H. Gonzalez
1200 Hrs

Uraninite 32 CTB-2

← N

Map Not to Scale

Separation
Eq.



Utility
pole

Point of
Release

Buried
Electricity

fuel



Loading/Unloading
lines

Affected
Soil

L = 135'
@ longest
point

SD
buried
line

L = 105'
@ longest
point



Lease
Road Entrance


²⁶ Uraninite CTB SWD 2-13-24

Weather: Cool, sunny

Staff: H. Gonzalez

- Arrived on site @ 1245
- Filled out JSA, met with contractor
- Began marking out spill area
- Marked out sample areas, left site at 1400.

HGL



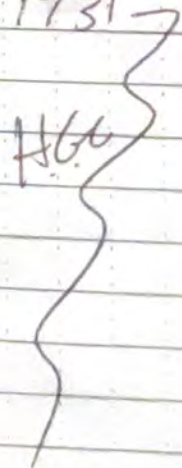
Uraninite CTB SWD 2-14-24²⁷

Weather: Cold, sunny

Staff: H. Gonzalez

- Arrived on site at 0615, filled out JSA, attended safety meeting.
- Began excavation at 0640 in area 2 at 1' 06, verified with measuring tape.
- Left site at 0800.
- Returned to site at 1440, began sample collection at 1530.
- Collected 20 samples, 6, 30, 31, 39, 40, 48, 49, 55, 56, 14, 15, 16, 21, 22, 23, 17, 24, 25, 32, 33, 34.
- Left site at 1731

HGL



Scale: 1 square =

Return on Rain

28 Uraninite CTB 2-15-24

weather: Cool, sunny

Staff on site: H. Gonzalez

- Arrived on site at 0620, filled out ISA and attended Safety meeting.
- Marked out excavation areas.
- Hydraulic opening up Electrical lines.
- Began sample collection at 0650 collected 27 total samples 64, 1, 42, 50, 51, 57, 58, 59, 63, 67, 68, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 80, 29, 38, 47, 54, 60, 61.
- Left site at 0920 to deliver samples to the lab in Hobbs.
- Returned to site at 1330, collected 12 samples 64, 5, 9, 10, 11, 12, 62, 64, 65, 66, 69, 70.
- Left site at 1450.

HGL



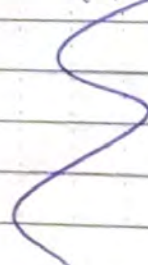
29 Uraninite CTB 2-16-24

weather: Cool, sunny

Staff on site: H. Gonzalez

- Arrived on site at 0620, filled out ISA, attended Safety meeting.
- Marked out remaining areas left to excavate.
- Loading trucks with waste soil throughout the day.
- Began sample collection at 0650 collected 21 samples, 61, 2, 3, 6, 7, 8, 13, 18, 19, 26, 27, 28, 35, 36, 37, 43, 44, 45, 46, 52, 53.
- Left to Borrow area to collect samples. Collected 4 samples from Caliche Stockpile BF-1 2, 3, 4 all @ 1-10'.
- Left to lab at 1050.

HGL



Scale: 1 square = _____

Ritter the River

30 Uraninite CTB 2-19-24

Weather: Cold, sunny

Start on site: H. Gonzalez

- Arrived on site at 0630, filed out SSA.

- Marked out resample grids to dig out to prescribed depths.

- Excavation began at 0800.

- Left site at 0900 to update data table.

- Returned to site at 1430, collected 25 resamples 6-15, 16, 17, 20, 30,

31, 32, 39, 40, 41, 42, 49, 50,

51, 56, 57, 58, 59, 72, 73, 74,

77, 78, 79, 80.

- Left site at 1630.

H.G.

Scale: 1 square = _____

Uraninite CTB 2-20-24

31

Weather: Cool, sunny

Start on site: H. Gonzalez

- Arrived on site at 0655, filed out SSA.

- Marked out resample grids to excavate further.

- Left site at 0845.

- Returned to site at 1245, collected 12 resamples, 6-10, 24, 25, 34, 43, 53, 63, 64, 65, 66, 69, 70.

- Left site at 1510.

H.G.

Scale: 1 square = _____

Rite in the Rain

32 Uraninite CTB 2-21-22

Weather: Cool, Sunny

Start on site: H. Gervais

- Arrived on site at 1325 after dropping off samples in Hobbs.
- Collected 10 Resamples, G1, 2, 3, 5, 6, 8, 12, 13, 26, 36.
- Left site at 1500.

H.G.V.

Scale: 1 square = _____

Uraninite CTB 2-22-24 33

Weather: Cold, Sunny, Windy

Start on site: H. Gervais

- Arrived on site at 0900, filed out SSA. Crews on site stockpiling backfill material.
- Collected 8 sidewall samples SW-1, 2, 3, 5, 6, 7, 8, 9.
- Left site at 1030 to travel to Hobbs to drop off samples.

H.G.V.

Scale: 1 square = _____

Rite in the Rain

34 Uran hite CTB 2-23-24

Weather: Cold, Sunny.

Start on site: H. Gonzalez

Arrived on site at 0820, fixed
out SSA.

- Collected 2 resamples after
crew examined them further,
6-59, 62, 45. Seals SW-1, 5, 10, 12

- Left to lab at 0900.

H. Gb

Scale: 1 square = _____

Vran.HA CTB 2-26-24

35

- Weather: Cold, Sunny
- Staff on Site: H. Gonzalez
- Arrived on site at 1500.
- Crews Stockpiling backfill material on the Southeast end of the site.
- Collected 6 Sidewall Samples SW-4, 11, 13, 14, 15, 16.
- Left to lab at 1535 to drop off samples.

H.G.

Scale: 1 square = _____

Rite in the Rain

36

Uraninite CTB 2-27-24

Weather: Cold, sunny

Staff on site: H. Gonzalez

- Arrived on site at 0840, filed out SSA.
- Had crew extend sidewall SW-10
- Collected SW-10, left to the lab at 1000.
- Crews dug out Dehydration hole to 8' Bt, collected 4 samples DP-1 (0-2'), DP-1 (2-4'), DP-1 (4-6') DP-1 (6-8') to be tested for CL, BTEX, TPA.
- Returned to site at 1500 to collect 2 sidewall resamples, SW-4, 11A.
- Left site at 1530 to drop samples off at the lab.

H.G.

Scale: 1 square = _____

37

Uraninite CTB 2-28-24

Weather: Cold, sunny.

Staff on site: H. Gonzalez

- Arrived on site at 1430, filed out SSA.
- Instructed staff on crews to backfill.
- Collected one sidewall SW-17
- Left to lab at 1500 to drop off sample.

H.G.

Scale: 1 square = _____

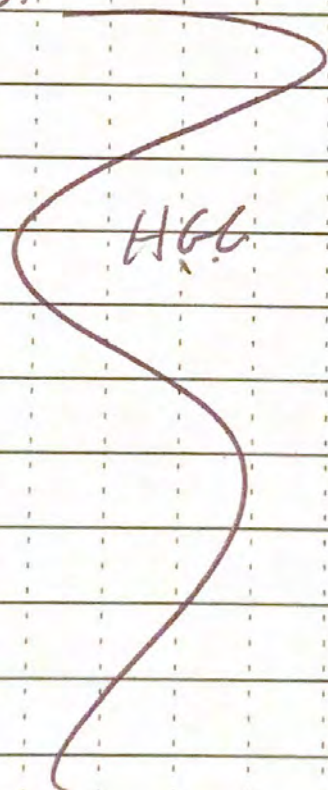
H.G.

38 Uranium CTB 2-29-24

weather: cold, sunny

Staff on site: H. Gonzalez

- Arrived on site at 0740, filed out Sat.
- Marked out areas to Backfill, will need to re-dig along electrical trench.
- Backfill began at 0800.
- ~~collected one small SW 17 (0-6')~~
- ~~left site at 0900 to lab in Hobbs.~~



★ Small SW-17 collected on 2-28
NOT 2-29. ~~scribble~~

Scale: 1 square = _____

Uraninite ATB 3-4-24

39

Weather: Cool, sunny

Staff on site: H. Gonzalez

- Arrived on site at 0730, filed out SSA,

- Marked out resample locations along the electrical ditch for failed grids, will be digging to 5' BG.

- Digging began at 0745.

- Collected 11 total samples

G1, 2, 5, 6, 8, 12, 13, SW18, 19, 20, 21.

- Left to lab in Hobbs @ 1200.

HG

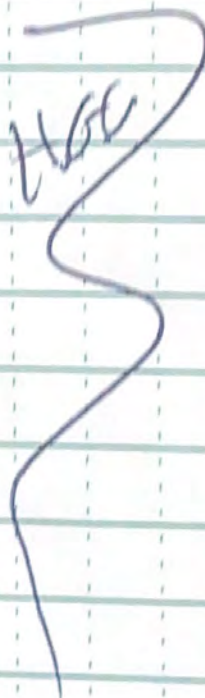
40 Vranhite CTRB 3-7-24

Weather: Cool, Sunny

Staff on site: H. Gonzalez

- Arrived on site at 0630, filed out SSA.
- Instructed crews on where to dig two resample grids.
- Collected 2 resamples G8, G13
- Left to lab at 0700 to drop off samples.

HGE



Scale: 1 square = _____

VranMTC CTB 3-11-24 41

Weather: Cool, Sunny

Staff on site: H. Gonzalez

- Arrived on site at 1420 to take site completion photos.
- Left site at 1450.

the

Scale: 1 square = _____

Rite in the Rain



APPENDIX D
Liner Inspection Documentation

District I

1625 N. French Dr., Hobbs, NM 88240
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QUESTIONS

Action 302898

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	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 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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Action 302898

CONDITIONS

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	Action Number: 302898
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
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: 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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Client:

Devon Oil

Page:

1 of 1

Date:

01-17-24

Project:

Laramie 32 CTB Phosphate H. Gonzalez

Weather: Cold, sunny 25°
 Staff on site: H. Gonzalez

Berm Liner Inspection

Site Arrival: 0855

• Began Berm inspection @ 0905

Berm material: Steel

Berm liner?: YES, Poly-coated Fiber matrix.

Berm Dimensions: 104.06' X 60.78' Berm Height: 34"

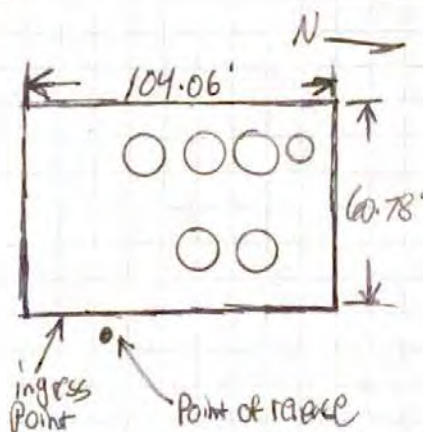
• Inspected berm perimeter, starting at the Southeast corner. No Fluid staining or rust spots noted. No Holes in Steel berm noted.

• Inspected berm liner starting at ingress ladder on the Southeast corner of the berm. No RPS, Tears, defects noted in the liner.

Berm contains 5 Storage tanks and one VRT. Storage tank sizes are all 15.5' X 24'. Storage tanks are on Poly risers.

• On berm liner inspection, I noted common tear points like ladder and catwalk legs and pipe supports. Inspected bases of all tanks and VRT feeters, inspected liner vertical transitions.

• Left Site @ 0959





APPENDIX E
Laboratory Analytical Data Reports



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/16/2024	ND	432	108	400	3.64	

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	02/16/2024	ND	432	108	400	3.64		

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/16/2024	ND	432	108	400	3.64		

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	02/16/2024	ND	432	108	400	3.64	

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/16/2024	ND	432	108	400	3.64	

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/16/2024	ND	432	108	400	3.64	

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/16/2024	ND	432	108	400	3.64	

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	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 % 71.5-134

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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/16/2024	ND	432	108	400	3.64	

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	02/16/2024	ND	432	108	400	3.64		

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	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-B		mg/kg		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		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 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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 BTX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/14/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, 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		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 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10300	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/16/2024	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/16/2024	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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		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	2.17	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6100	16.0	02/16/2024	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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	2.17	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 % 71.5-134

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	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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	2.17	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.17	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.07	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3960	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.07	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 BTX	<0.300	0.300	02/15/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/16/2024	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.07	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.07	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.07	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

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	2.07	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	02/16/2024	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
 Reported: 02/16/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

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

BTX 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	2.07	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 BTX	<0.300	0.300	02/15/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/16/2024	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene", written in a cursive style.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

BILL TO

ANALYSIS REQUEST

Project Manager: Bryan Haney

P.O. #: 21276956

Address: 4229 Punta Bonaire

Company: Direct Bill Devon

City: Corpus Christi

State: TX ZIP: 78412

Attn: Dale Woodall

Phone #: 361-658-3126

Address:

Project: DVNENM 2401/001

City:

Project Name: Uraninite 32 CTB2 PW Release

State: Zip:

Project Location: Artesia, New Mexico

Phone #:

Sampler Name: Higino Gonzalez

Fax #:

Lab I.D.

Sample I.D.

H240724

(G)RAB OR (C)OMP

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

B T E H

X X X X

X X X X

X X X X

X X X X

X X X X

X X X X

X X X X

X X X X

X X X X

X X X X

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X X X X

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X X X X

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Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes

No

Checked By: (Initials)

Thermometer ID

Correction Factor

Standard

Observed Temp. °C

Yes

No

Corrected Temp. °C

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

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

Company Name: Altamira										BILL TO										ANALYSIS REQUEST									
Project Manager: Bryan Haney										P.O. #: 21276956																			
Address: 4229 Punta Bonaire										Company: Direct Bill Devon																			
City: Corpus Christi										Attn: Dale Woodall																			
State: TX										Address:																			
ZIP: 78412																													
Phone #: 361-658-3126																													
Project: DVNENM 2401/001										City:																			
Project Name: Uraninite 32 CTB2 PW Release										State:										Zip:									
Project Location: Artesia, New Mexico										Phone #:																			
Sample Name: Higino Gonzalez										Fax #:																			
FOR LAB USE ONLY																													
Lab I.D.										Matrix										PRESERV.									
																				SAMPLING									
Sample I.D.										(G)RAB OR (C)OMP										DATE									
										# CONTAINERS										TIME									
										GROUNDWATER										B T E H									
										WASTEWATER										T P H									
										SOIL										S I D E S									
										OIL																			
										SLUDGE																			
										OTHER :																			
										ACID/BASE:																			
										ICE / COOL																			
										OTHER :																			
H2440784										2/14/24										15 50									
11 616 4-4.5'										C 1										X X X X									
12 621 4-4.5'										C 1										X X X X									
13 622 4-4.5'										C 1										X X X X									
14 623 4-4.5'										C 1										X X X X									
15 617 1-1.5'										C 1										X X X X									
16 624 1-1.5'										C 1										X X X X									
17 625 1-1.5'										C 1										X X X X									
18 632 1-1.5'										C 1										X X X X									
19 633 1-1.5'										C 1										X X X X									
20 634 1-1.5'										C 1										X X X X									
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Inquired By: [Signature]										Date: 2/15/24										Received By: [Signature]									
Inquired By: [Signature]										Time: 1030																			
										Date:																			
										Time:																			
Delivered By: (Circle One)										Observed Temp. °C																			
Carrier - UPS - Bus - Other:										Corrected Temp. °C																			
										27.2																			
Sample Condition										Cool Intact										CHECKED BY: [Signature]									
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																			
Thermometer ID #1140										Standard <input type="checkbox"/> Coel Intact <input checked="" type="checkbox"/> Observed Temp. °C																			
Correction Factor																													
REMARKS: 24 HR TAT																													
Vertical Result: <input type="checkbox"/> Yes <input type="checkbox"/> No										Add'l Phone #:																			
All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com, jimmy.gonzalez@altamira-us.com, dale.woodall@dmv.com																													

101 East Marland, Hobbs, NM 88240
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Page 52 of 54



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

Project Manager: Bryan Haney

Address: 4229 Punta Bonaire

City: Corpus Christi State: TX ZIP: 78412

Phone #: 361-658-3126

Project: DV/NENM 2401/001

Project Name: Uraninite 32 CTB2 PW Release

Project Location: Artesia, New Mexico

Sampler Name: Higino Gonzalez

Lab I.D.

Sample I.D.

BILL TO

P.O. #: 21276956

Company: Direct Bill Devon

Attn: Dale Woodall

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	Matrix					PRESERV.		DATE	TIME	B T E H S					C H L O R I D E S				
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:												
31 6-71	1-1.5'	C 1	X							X	2-15240710	X	X	X	X						
32 6-72	1-1.5'	C 1	X							X	0712	X	X	X	X						
33 6-73	1-1.5'	C 1	X							X	0714	X	X	X	X						
34 6-74	1-1.5'	C 1	X							X	0716	X	X	X	X						
35 6-75	1-1.5'	C 1	X							X	0718	X	X	X	X						
36 6-76	1-1.5'	C 1	X							X	0820	X	X	X	X						
37 6-77	1-1.5'	C 1	X							X	0722	X	X	X	X						
38 6-78	1-1.5'	C 1	X							X	0724	X	X	X	X						
39 6-79	1-1.5'	C 1	X							X	0726	X	X	X	X						
40 6-80	1-1.5'	C 1	X							X	0728	X	X	X	X						

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Inquired By: [Signature] Date: 2-15-24 Received By: [Signature] Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____
 Inquired By: [Signature] Time: 1050 Received By: [Signature] All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com, jimmy.gonzalez@altamira-us.com, dale.woodall@dmr.com
 Date: _____ Received By: _____
 Time: _____

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other: _____
 Observed Temp. °C: 2.7 Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No
 Corrected Temp. °C: _____

CHECKED BY: [Signature] (Initials)
 Turnaround Time: ☒ Standard ☐ Bacteria (only) Sample Condition: _____
 Thermometer ID #113: ☒ Cool ☐ Intact ☐ Observed Temp. °C: _____
 Correction Factor: ☐ Yes ☐ No ☐ Yes ☐ No Corrected Temp. °C: _____

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(575) 393-2326 FAX (575) 393-2476

[illegible]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	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 % 71.5-134

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	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 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	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 % 71.5-134

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		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 57.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	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 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/16/2024	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 % 71.5-134

Chloride, SM4500CI-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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/16/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/16/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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		Analyzed 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 % 71.5-134

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		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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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		Analyzed 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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/17/2024	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 BTX	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTX 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	02/17/2024	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 BTX	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/16/2024
 Reported: 02/19/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 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	02/17/2024	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 BTX	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	02/19/2024	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	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

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

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

Project Manager: Bryan Haney

Address: 4229 Punta Bonaire

City: Corpus Christi

Phone #: 361-658-3126

Project: DVNENM 2401/001

Project Name: Uraninite 32 CTB2 PW Release

Project Location: Artesia, New Mexico

Sampler Name: Higinio Gonzalez

Lab I.D. #240758

Sample I.D.

BILL TO

P.O. #: 21278956

Company: Direct Bill Devon

Attn: Dale Woodall

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Project Manager: Bryan Harey												P.O. #: 21276956											
Address: 4229 Punta Bonaire												Company: Direct Bill Devon											
City: Corpus Christi												Attn: Dale Woodall											
State: TX												ZIP: 78412											
Phone #: 361-658-3126												Address:											
Project DV/NENM 2401/001												City:											
Project Name: Uraninite 32 CTB2 PW Release												State:											
Project Location: Artesia, New Mexico												Zip:											
Sampler Name: Higginio Gonzalez												Phone #:											
FOR LAB USE ONLY												Fax #:											
Lab I.D.												PRESERV.											
Sample I.D.												SAMPLING											

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Delivered By: [Signature] Date: 2/16/24 Received By: [Signature] Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____
 Impair - UPS - Bus - Other: _____ Observed Temp. °C: 0.30 Corrected Temp. °C: _____ Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No
 Date: 2.15 Time: _____ Received By: _____ REMARKS: 24 HR TAT
 Thermometer ID: 443 #146 Correction Factor: DA 2/14/24 Standard ☐ Certified (only) Sample Condition ☐ Cool ☐ Intact ☐ Observed Temp. °C: _____
 Yes ☐ No ☐ Corrected Temp. °C: _____

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

Page 37 of 40

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

Company Name: Altamira				BILL TO				ANALYSIS REQUEST			
Project Manager: Bryan Haney				P.O. #: 21278956							
Address: 4229 Punta Bonaire				Company: Direct Bill Devon							
City: Corpus Christi				Attn: Dale Woodall							
State: TX ZIP: 78412				Address:							
Phone #: 361-658-3126				City:							
Project: DVNENM 2401/001				State:							
Project Name: Uraninite 32 CTB2 PW Release				Phone #:							
Project Location: Artesia, New Mexico				Fax #:							
Sample Name: Higino Gonzalez											
FOR LAB USE ONLY											
Lab I.D. H240798		Sample I.D.		(G)RAB OR (C)OMP:		MATRIX		PRESERV.		SAMPLING	
				# CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:		ICE / COOL OTHER :		DATE TIME	
13 6-1		2-2.5'		C 1		X		X		2/6/24 0650	
14 6-2		2-2.5'		C 1		X		X		2/6/24 0652	
15 6-3		2-2.5'		C 1		X		X		2/6/24 0654	
16 6-6		2-2.5'		C 1		X		X		2/6/24 0656	
17 6-7		2-2.5'		C 1		X		X		2/6/24 0658	
18 6-8		2-2.5'		C 1		X		X		2/6/24 0700	
19 6-13		2-2.5'		C 1		X		X		2/6/24 0702	
20 6-19		6-8'		C 1		X		X		2/6/24 0830	
21 6-26		6-8'		C 1		X		X		2/6/24 0832	
22 6-27		6-8'		C 1		X		X		2/6/24 0834	

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Disinquinshed By:		Date: 2/16/24		Received By:		Time: 12:05	
Delivered By: (Circle One) Driver - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C: 0.30		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials)	
REMARKS: 24 HR TAT				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No			
All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com, jimmy.gonzalez@altamira-us.com, dale.woodall@dmv.com				Add'l Phone #:			
Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Bacteria (only) Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C:				Thermometer ID: #1140 Correction Factor: 0.4 2/16/24			
Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C:				Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C:			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

BILL TO

ANALYSIS REQUEST

Project Manager: Bryan Haney

P.O. #: 21276956

Address: 4229 Punta Bonaire

Company: Direct Bill Devon

City: Corpus Christi

State: TX ZIP: 78412

Attn: Dale Woodall

Phone #: 361-658-3126

Address:

Project: DVNENM 2401/001

City:

Project Name: Uraninite 32 CTB2 PW Release

State: Zip:

Project Location: Artesia, New Mexico

Phone #:

Sampler Name: Higino Gonzalez

Fax #:

Lab I.D. #240758

Sample I.D.

FOR LAB USE ONLY	Matrix	PRESERV.	SAMPLING	B T P H S					C H L O R I D E S				
				X	X	X	X	X	X	X	X	X	X
23 6-28 6-8'1	C 1	X	2 16/24/0836	X	X	X	X	X	X	X	X	X	X
24 6-35 6-8'1	C 1	X	0838	X	X	X	X	X	X	X	X	X	X
25 6-36 6-8'1	C 1	X	0840	X	X	X	X	X	X	X	X	X	X
26 6-37 6-8'1	C 1	X	0842	X	X	X	X	X	X	X	X	X	X
27 6-45 6-8'1	C 1	X	0844	X	X	X	X	X	X	X	X	X	X
28 6-46 6-8'1	C 1	X	0846	X	X	X	X	X	X	X	X	X	X
29 6-18 1-1.5'	C 1	X	0848	X	X	X	X	X	X	X	X	X	X
30 6-43 1-1.5'	C 1	X	0850	X	X	X	X	X	X	X	X	X	X
31 6-44 1-1.5'	C 1	X	0852	X	X	X	X	X	X	X	X	X	X
32 6-52 1-1.5'	C 1	X	0854	X	X	X	X	X	X	X	X	X	X

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Relinquished By:

Date: 8/16/24

Time: 12:05

Received By:

Date: 8/16/24

Time: 12:05

Relinquished By:

Date: 8/16/24

Time: 12:05

Received By:

Date: 8/16/24

Time: 12:05

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY: (Initials)

Turnaround Time: Standard ☐ Expedited ☐
Cool Intact ☒ Observed Temp. °C

Thermometer ID: #119

Correction Factor: 0.41/24

Yes ☐ No ☐

Corrected Temp. °C

REMARKS: 24 HR TAT

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com, jimmy.gonzalez@altamira-us.com, dale.woodall@dmv.com



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/20/2024	ND	432	108	400	0.00	

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/20/2024
 Reported: 02/21/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: G 30 8-8.5' (H240807-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/20/2024
 Reported: 02/21/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: G 41 4-4.5' (H240807-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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, 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	02/20/2024	ND	432	108	400	0.00		

Sample ID: G 51 4-4.5' (H240807-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/20/2024
 Reported: 02/21/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: G 56 8-8.5' (H240807-15)

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	02/20/2024	ND	432	108	400	0.00	

Sample ID: G 57 4-4.5' (H240807-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/20/2024
 Reported: 02/21/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: G 73 4-4.5' (H240807-20)

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	02/20/2024	ND	432	108	400	0.00	

Sample ID: G 74 4-4.5' (H240807-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/20/2024	ND	432	108	400	0.00		

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

Project Manager: Bryan Haney

Address: 4229 Purla Bonaire

City: Corpus Christi

State: TX ZIP: 78412

Phone #: 361-658-3126

Project: DVNENM 2401/001

Project Name: Uraninite 32 CTB2 PW Release

Project Location: Artesia, New Mexico

Sampler Name: Higinio Gonzalez

Lab I.D.

Sample I.D.

BILL TO

P.O. #: 21276956

Company: Direct Bill Devon

Attn: Dale Woodall

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	Matrix					PRESERV.	SAMPLING	DATE	TIME	B T E X	T P H	C H L O R I D E S
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
1	6-6.5'	1	X							02/19/24	1440	X	X	X
2	6-6.5'	1	X								1442	X	X	X
3	6-6.5'	1	X								1444	X	X	X
4	6-6.5'	1	X								1446	X	X	X
5	6-6.5'	1	X								1448	X	X	X
6	6-6.5'	1	X								1450	X	X	X
7	6-6.5'	1	X								1452	X	X	X
8	6-6.5'	1	X								1454	X	X	X
9	6-6.5'	1	X								1456	X	X	X
10	6-6.5'	1	X								1458	X	X	X

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Inquired By:

Date: 2-20-24

Received By: Stakeholders

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com, jimmy.gonzalez@altamira-us.com, dale.woodall@dmv.com

Inquired By:

Date: 2-20-24

Received By: Stakeholders

REMARKS: 24 HR TAT

Revised By: (Circle One)
Printer - UPS - Bus - Other:

Observed Temp. °C

Sample Condition

CHECKED BY: (Initials)

Thermometer ID: #1440
Correction Factor

☐ Yes ☐ No
☐ Yes ☐ No

FORM-006 R.3.2 1/00/7/21

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

Project Manager: Bryan Haney

Address: 4229 Punta Bonaire

City: Corpus Christi

State: TX ZIP: 78412

Phone #: 361-658-3126

Project: DVNENM 2401/001

Project Name: Uraninite 32 CTB2 PW Release

Project Location: Artesia, New Mexico

Sampler Name: Higinio Gonzalez

Lab I.D.

BILL TO

P.O. #: 21276956

Company: Direct Bill Devon

Attn: Dale Woodall

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Sample I.D.

H440807

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Page 11 of 11

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



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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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/22/2024	ND	416	104	400	7.41	

Sample ID: G 34 4 - 4.5' (H240843-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/22/2024	ND	416	104	400	7.41	

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Analytical Results For:

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

Received: 02/21/2024
 Reported: 02/22/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: G 43 4 - 4.5' (H240843-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/21/2024
 Reported: 02/22/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: G 66 4 - 4.5' (H240843-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

Page 6 of 7

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

ANALYSIS REQUEST

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+ Cardinal cannot accept verbal changes. Please email changes to celeve.keene@cardinallabsnm.com



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	02/23/2024	ND	432	108	400	3.64	

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	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 0-4' (H240879-02)

BTX 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	02/22/2024	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 BTX	<0.300	0.300	02/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/23/2024	ND	432	108	400	3.64	

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	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 0-1' (H240879-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 0-5.5' (H240879-04)

BTX 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	02/22/2024	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 BTX	<0.300	0.300	02/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/23/2024	ND	432	108	400	3.64	

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	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 0-5.5' (H240879-05)

BTX 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	02/22/2024	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 BTX	<0.300	0.300	02/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/23/2024	ND	432	108	400	3.64	

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	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 0-6' (H240879-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 0-2' 0-4' (H240879-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2024	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 0-0.5' (H240879-08)

BTX 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	02/22/2024	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 BTX	<0.300	0.300	02/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/23/2024	ND	432	108	400	3.64	

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	02/22/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

BILL TO

ANALYSIS REQUEST

Project Manager: Bryan Haney

Address: 4229 Punta Bonaire

City: Corpus Christi

State: TX ZIP: 78412

Phone #: 361-658-3126

Project: DVNENM 2401/001

Project Name: Uraninite 32 CTB2 PW Release

Project Location: Artesia, New Mexico

Sampler Name: Higinio Gonzalez

Lab I.D.

FOR LAB USE ONLY

Sample I.D.

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	Matrix					DATE	TIME	PRESERV.					SAMPLING				
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			ICE / COOL	OTHER :	DATE	TIME	B	T	E	P	H	S
Sw-1	0-4'	C 1	X							X		02/22/24	0920	X	X	X	X	X	X
Sw-2	0-4'	C 1	X							X		0922	0922	X	X	X	X	X	X
Sw-3	0-1'	C 1	X							X		0924	0924	X	X	X	X	X	X
Sw-5	0-5.5'	C 1	X							X		0926	0926	X	X	X	X	X	X
Sw-6	0-5.5'	C 1	X							X		0928	0928	X	X	X	X	X	X
Sw-7	0-6'	C 1	X							X		0930	0930	X	X	X	X	X	X
Sw-8	0-2' 0-4'	C 1	X							X		0932	0932	X	X	X	X	X	X
Sw-9	0-0.5'	C 1	X							X		0934	0934	X	X	X	X	X	X

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Inquired By: [Signature]

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Date: [Signature]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed 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

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/22/2024
 Reported: 02/23/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: G 6 3.5-4' (H240880-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	02/23/2024	ND	432	108	400	3.64		

Sample ID: G 8 3.5-4' (H240880-06)

Chloride, SM4500CI-B		mg/kg		Analyzed 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, SM4500Cl-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	02/23/2024	ND	432	108	400	3.64		

Sample ID: G 26 4-4.5' (H240880-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Sample I.D.

DISCLAIMER: Liberty and Deming's liability and clients' exclusive remedy for any claim arises whether based in contract or tort, shall be limited to the amount paid by the client for the applicable service. In no event shall Damages be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by client, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

ing those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion

Received By: 2-22-24 Date: 2-22-24
All Results are emailed. Please provide Email address: bryan.haney@alamia-usa.com,
Elinquinshed By:

Relinquished By: 
Date:
Received by:
REMARKS: 24 HR IAI

Sample Condition	Observed Temp, °C	Corrected Temp, °C	Delivered By: (Circle One)
<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Infect		14.3	Sampler - UPS - Bus - Other:

Sample Condition	Observed Temp, °C	Corrected Temp, °C	Delivered By: (Circle One)
<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Infect			Sampler - UPS - Bus - Other:

What is your current age? 33 ☐ 18 ☐ 19 ☐ 20 ☐ 21 ☐ 22 ☐ 23 ☐ 24 ☐ 25 ☐ 26 ☐ 27 ☐ 28 ☐ 29 ☐ 30 ☐ 31 ☐ 32 ☒ 33 ☐ 34 ☐ 35 ☐ 36 ☐ 37 ☐ 38 ☐ 39 ☐ 40 ☐ 41 ☐ 42 ☐ 43 ☐ 44 ☐ 45 ☐ 46 ☐ 47 ☐ 48 ☐ 49 ☐ 50 ☐ 51 ☐ 52 ☐ 53 ☐ 54 ☐ 55 ☐ 56 ☐ 57 ☐ 58 ☐ 59 ☐ 60 ☐ 61 ☐ 62 ☐ 63 ☐ 64 ☐ 65 ☐ 66 ☐ 67 ☐ 68 ☐ 69 ☐ 70 ☐ 71 ☐ 72 ☐ 73 ☐ 74 ☐ 75 ☐ 76 ☐ 77 ☐ 78 ☐ 79 ☐ 80 ☐ 81 ☐ 82 ☐ 83 ☐ 84 ☐ 85 ☐ 86 ☐ 87 ☐ 88 ☐ 89 ☐ 90 ☐ 91 ☐ 92 ☐ 93 ☐ 94 ☐ 95 ☐ 96 ☐ 97 ☐ 98 ☐ 99 ☐ 100

Thermometer ID # 1113

Correction Factor 1.00

1.00 1.00

No ☐ No ☐

No ☐ No ☐

<input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	#17C 8.7 Correction factor	<input type="checkbox"/> <input type="checkbox"/>
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[illegible]

FORM-006 R 3.2 10/07/21

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

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



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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		Analyzed 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	

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/26/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 1A 0-4' (H240915-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/26/2024	ND	464	116	400	0.00	

Sample ID: SW - 5A 0-5.5' (H240915-02)

Chloride, SM4500CI-B		mg/kg		Analyzed 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)

BTX 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	02/24/2024	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 BTX	<0.300	0.300	02/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	02/26/2024	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

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2024	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					
<hr/>									
Surrogate: 1-Chlorooctane	89.8 %	48.2-134							
Surrogate: 1-Chlorooctadecane	80.5 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/26/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/23/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 12 0-4' (H240915-04)

BTX 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	02/24/2024	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 BTX	<0.300	0.300	02/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/26/2024	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	02/24/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	02/27/2024	ND	432	108	400	3.77		

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

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/27/2024	ND	432	108	400	3.77	

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

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/26/2024
 Reported: 02/27/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/26/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 0-3.5' (H240933-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/27/2024	ND	432	108	400	3.77	

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

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/27/2024	ND	432	108	400	3.77		

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

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/26/2024
 Reported: 02/27/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 02/26/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 0-3.5' (H240933-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	02/27/2024	ND	432	108	400	3.77	

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

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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

Sample I.D.

H240933

1 SW-4	0-6.5'
2 SW-11	0-6'
3 SW-13	0-3.5'
4 SW-14	0-3.5'
5 SW-15	0-3.5'
6 SW-16	0-3.5'


BASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Quished By: _____ **Date:** _____

Received By: _____

Acquired By:	Received By:	Verbal Result:
Time:	Time:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date:	Date:	Add'l Phone #:
Time:	Time:	REMARKS: 24 HR TAT

Observed Temp. °C	Corrected Temp. °C	Sample Condition	Checked By:	Tamaraund Time:	Standard	Bacteria (only Sample Condition)
0.7					<input checked="" type="checkbox"/>	

FORM-006 R.3.2 10/07/21					
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(Initials) 	
Rough <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C _____		Thermometer ID ### <u>###</u>		Correction Factor <u>24.1ms</u>	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No					

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



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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		Analyzed 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

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	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 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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

ANALYSIS REQUEST

[illegible]



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/05/2024	ND	448	112	400	0.00	

Sample ID: G - 2 5-5.5' (H241061-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/05/2024	ND	448	112	400	0.00	

Sample ID: G - 5 5-5.5' (H241061-03)

Chloride, SM4500CI-B		mg/kg		Analyzed 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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/05/2024	ND	448	112	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/04/2024
 Reported: 03/05/2024
 Project Name: URANINITE 32 CTB2 PW RELEASE
 Project Number: DVNENM 2401/001
 Project Location: DEVON - ARTESIA NM

Sampling Date: 03/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: G - 8 5-5.5' (H241061-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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, SM4500CI-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		Analyzed 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		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

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/04/2024
Reported: 03/05/2024
Project Name: URANINITE 32 CTB2 PW RELEASE
Project Number: DVNENM 2401/001
Project Location: DEVON - ARTESIA NM

Sampling Date: 03/04/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

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

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Celey D. Keene, Lab Director/Quality Manager

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

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

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Altamira

Project Manager: Bryan Haney

Address: 4229 Punta Bonaire

City: Corpus Christi

State: TX ZIP: 78412

Phone #: 361-658-3126

Project #: DVNEM 2401/001

Project Name: Uraninite 32 CTB2 PW Release

Project Location: Artesia, New Mexico

Sample Name: Higinio Gonzalez

Lab I.D.

FOR LAB USE ONLY

Matrix

PRESERV.

SAMPLING

Sample I.D.

H241061

DATE	TIME	B	T	E	H	I	D	S
3/4/24	0930	X	X	X	X	X	X	X
3/4/24	0932	X	X	X	X	X	X	X
3/4/24	0934	X	X	X	X	X	X	X
3/4/24	0936	X	X	X	X	X	X	X
3/4/24	0938	X	X	X	X	X	X	X
3/4/24	0940	X	X	X	X	X	X	X
3/4/24	0942	X	X	X	X	X	X	X
3/4/24	0944	X	X	X	X	X	X	X
3/4/24	0946	X	X	X	X	X	X	X
3/4/24	0948	X	X	X	X	X	X	X

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Relinquished By:

Date: 3-4-24

Received By:

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com, jimmy.grzalez@altamira-us.com, dale.woodall@dmn.com

Relinquished By:

Date: 1330

Received By:

REMARKS: 24 HR TAT

Delivered By: (Circle One)

Observed Temp. °C

Sample Condition

CHECKED BY: (Initials)

Thermometer ID

Correction Factor

Corrected Temp. °C

Sampler - UPS - Bus - Other:

Cool Intact

Yes

Standard

Bacteria (only) Sample Condition

Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



Company Name: Altamira	BILL TO		ANALYSIS REQUEST	
------------------------	----------------	--	------------------	--

Project Manager: Bryan Haney	P.O. #: 21276956
------------------------------	------------------

Address: 4229 Punta Bonaire	Company: Direct Bill Devon
-----------------------------	----------------------------

City: Corpus Christi	State: TX	ZIP: 78412	Attn: Dale Woodall
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Phone #: 361-658-3126	Address:
-----------------------	----------

Project: DVNENM 2401/001	City:
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Project Name: Uraninite 32 CTB2 PW Release	State:	Zip:
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Project Location: Artesia, New Mexico	Phone #:
---------------------------------------	----------

Sampler Name: Higino Gonzalez	Fax #:
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FOR LAB USE ONLY	
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Lab I.D.	
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Sample I.D.

4841001	Sw-21	0-5'	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	B	T	E	P	H	C	H	L	O	R	I	D	E	S
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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		Analyzed 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

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Project Manager: Bryan Haney	P.O. #: 21276956
Address: 4229 Punta Bonaire	Company: Direct Bill Devon
City: Corpus Christi	State: TX
ZIP: 78412	Attn: Dale Woodall
Phone #: 361-658-3126	Address:
Project #: DVNENM 2401/001	City:
Project Name: Uraninite 32 CTB2 PW Release	State:
Project Location: Artesia, New Mexico	Zip:
Sampler Name: Higino Gonzalez	Phone #:
	Fax #:


	MATRX	PRESERV.	SAMPLING
FOR LAB USE ONLY Lab I.D. CMP.			

Sample I.D. H241128

[illegible]

PLEASE NOTE: Liability and damages available remedy for any claim against member states is covered by their national law. The applicable law in the United Kingdom is the law of England and Wales. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits, incurred by client, its subsidiaries or its customers arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date:	3-7-24	Received By:	Verbal Results
	Time:	8:03		
Relinquished By:	Date:		Received By:	All Results
	Time:			
REMARKS:			limmy, gonzo	

Delivered By: (Circle One) Driver - <input checked="" type="checkbox"/> Driver - <input type="checkbox"/> Sampler - <input type="checkbox"/> UPS - <input type="checkbox"/> Bus - <input type="checkbox"/> Other: <input type="checkbox"/>	Observed Temp. °C Corrected Temp. °C #140	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) 	Thermometer Type Rush <input type="checkbox"/> Thermometer Correction Factor <input type="checkbox"/>
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Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: bryan.haney@allamira-us.com
jimmy.gonzalez@allamira-us.com, date, woodall@qdyn.com

REMARKS: **24 HR TAT**

REMARKS: 24 HR TAT

Turnaround time: ☐ Standard ☐ Bacteria (only) Sample Condition

Rush ☒ Cool Intact ☐ Observed Temp. °C

Thermometer ID - #13
Correction Factor
5-7-24

☐ Yes ☐ Yes
☐ No ☐ No Corrected Temp. °C



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/19/2024	ND	448	112	400	0.00		

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

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/19/2024	ND	448	112	400	0.00		

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

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTX 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	02/16/2024	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 BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/19/2024	ND	448	112	400	0.00	

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

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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		Analyzed 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 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Altamira

BILL TO

ANALYSIS REQUEST

Project Manager: Bryan Haney

P.O. #: 21276956

Address: 4229 Punta Bonaire

Company: Direct Bill Devon

City: Corpus Christi

State: TX ZIP: 78412

Attn: Dale Woodall

Phone #: 361-658-3126

Address:

Project: DVNENM 2401/001

City:

Project Name: Uraninite 32 CTB2 PW Release

State:

Project Location: Artesia, New Mexico

Phone #:

Sampler Name: Higino Gonzalez

Fax #:

FOR LAB USE ONLY
Lab I.D.

Matrix

PRESERV.

SAMPLING

Sample I.D.

1 BE-1 1-10'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER:

ACID/BASE:

ICE / COOL
OTHER:

DATE
TIME

B T E H
T P S
D I E S

2 BE-2 1-10'

C 1

X

X

X

2/16/24

1030

X

3 BE-3 1-10'

C 1

X

X

X

1/1

1036

X

4 BE-4 1-10'

C 1

X

X

X

X

X

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C 1

C 1

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Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Delivered By: (Circle One)
Carrier - UPS - Bus - Other:

Observed Temp. °C
Corrected Temp. °C

Sample Condition
Cool Intact
Yes No

CHECKED BY:
(Initials)

Turnaround Time: Standard Observed Temp. °C

Thermometer ID #140
Correction Factor #140

Yes No

Yes No

Yes No

Yes No

Yes No

Yes No

Verbal Result: Yes No

Add'l Phone #:

All Results are emailed. Please provide Email address: bryan.haney@altamira-us.com, jimmy.gonzalez@altamira-us.com, dale.woodall@dvnm.com

REMARKS: 24 HR TAT

EMAIL CORRESPONDENCE

Jillian Smiley
Staff Scientist - Botanist
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 903-747-5570 W: 575-988-5655
Email: Jsmiley@ntglobal.com
<http://www.ntgenvironmental.com/>

From: Kenny Han <KHan@ntglobal.com>
Sent: Monday, July 1, 2024 10:52:54 AM
To: Jillian Smiley <Jsmiley@ntglobal.com>
Subject: Fwd: [EXTERNAL] Rejected Report nAPP2400253283

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From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Tuesday, June 18, 2024 2:35:33 PM
To: Becky Haskell <bhaskell@ntglobal.com>; Kenny Han <KHan@ntglobal.com>; Kellan Smith <KSmith@ntglobal.com>; Clayton Tumas <CTumas@ntglobal.com>
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: esessums@ntglobal.com

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

From: Ethan Sessums
Sent: Monday, June 17, 2024 1:43:45 PM
To: Becky Haskell <BHaskell@ntglobal.com>; Kenny Han <KHan@ntglobal.com>; Kellan Smith <KSmith@ntglobal.com>; Clayton Tumas <CTumas@ntglobal.com>
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 19th the forecast shows the high to be 98 degrees. **I want y'all on site by 7 am at least to help beat the heat.**

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 let 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: esessums@ntglobal.com
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From: Ethan Sessums
Sent: Friday, May 31, 2024 8:12 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Kenny Han <KHan@ntglobal.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
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: esessums@ntglobal.com
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From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, May 28, 2024 1:36 PM
To: Ethan Sessums <ESessums@ntglobal.com>
Cc: Kenny Han <KHan@ntglobal.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
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 <ESessums@ntglobal.com>
Sent: Tuesday, May 28, 2024 1:35 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Kenny Han <KHan@ntglobal.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
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: esessums@ntglobal.com
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From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, May 28, 2024 1:34 PM
To: Ethan Sessums <ESessums@ntglobal.com>
Cc: Kenny Han <KHan@ntglobal.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
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 <ESessums@ntglobal.com>
Sent: Tuesday, May 28, 2024 12:49 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Kenny Han <KHan@ntglobal.com>
Subject: [EXTERNAL] Rejected Report nAPP2400253283

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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: esessums@ntglobal.com

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State of New Mexico
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Santa Fe, NM 87505

QUESTIONS

Action 364086

QUESTIONS

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

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.
Produced Water Released (bbls) Details	Cause: Equipment Failure Fitting Produced Water Released: 8 BBL Recovered: 3 BBL 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.
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. 5.88 bbls produced water estimated was released in containment and on the pad. 3 bbls Recovered.

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QUESTIONS, Page 2

Action 364086

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
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	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.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 07/15/2024
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QUESTIONS, Page 3

Action 364086

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**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 and 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	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

Chloride	(EPA 300.0 or SM4500 Cl 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 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/19/2024
On what date will (or did) the final sampling or liner inspection occur	06/19/2024
On what date will (or was) the remediation complete(d)	06/19/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

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

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

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QUESTIONS, Page 4

Action 364086

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

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 07/15/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 364086

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

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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QUESTIONS, Page 6

Action 364086

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

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

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	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.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including 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@dmn.com Date: 07/15/2024
--	--

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QUESTIONS, Page 7

Action 364086

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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CONDITIONS

Action 364086

CONDITIONS

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)	

CONDITIONS

Created By	Condition	Condition Date
scwells	None	7/18/2024