

PINNACLE ST TANK BATTERY

2/14/2022

OCD incident nAPP2205954078

<b><u>Spill Volume(Bbls) Calculator</u></b>	
<i>Inputs in blue , Outputs in red</i>	
<b>Contaminated Soil measurement</b>	
Area (sq feet)	Depth (in)
<u>1,382.07</u>	<u>1.00</u>
Cubic Feet of Soil Impacted	<u>115.17</u>
Barrels of Soil Impacted	<u>20.53</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>3.08</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	3.08
<b>Free Standing Fluid Only</b>	
Area (sq feet)	Depth (inches))
<u>0.00</u>	<u>0.000</u>
Standing fluid	<u>0.00</u>
<b><u>Total fluids spilled</u></b>	<b><u>3.08</u></b>



209 W. McKay Street  
Carlsbad, New Mexico 88220  
Tel. 432.701.2159  
www.ntgenvironmental.com

May 16, 2024

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

**Re: Site Characterization and Deferral/Closure Request  
Pinnacle St. Battery  
Devon Energy Production Company  
Site Location: Unit L-36-22S-28E  
(Lat 32.347452°, Long -104.048493°)  
Eddy County, New Mexico  
Incident ID: NAPP2205954078**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Pinnacle State Battery (site). The site is located in Unit Letter L, Section 36, of Township 22 South and Range 28 East. The site is located approximately 4.9 miles northeast of Loving, New Mexico in Eddy County (Figures 1 and 2).

### **Background**

Based on the Release Notification C-141 Form, the release was discovered on February 14<sup>th</sup>, 2022. The release was a result of a water transfer header leak. The discharge resulted in the release of approximately 3.08 barrels (bbls) of produced water of which none was recovered. Upon discovery, the well was shut-in, and the area was secured. The release area is shown in Figure 3. The Release Notification portions of Form C-141 for incident number nAPP2205954078 is attached to this report.

### **Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are two known water sources within a ½-miles radius of the Site. The two wells (C04417 POD1, drilled in 2020 and C04609 POD1, drilled in 2022) are approximately 0.32 miles and 0.50 miles north of the Site, respectively. The wells were drilled to reported depths of 55 feet (ft) below ground surface (bgs) and 51 ft bgs respectively, with no groundwater encountered in either well. 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 Medium 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,

Mr. Mike Bratcher  
 May 16, 2024  
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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)
Medium Karst	>51

**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+MR)	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Notes:  
 --- = not defined

**Site Assessment**

On May 16<sup>th</sup>, 2022, NTG Environmental conducted site assessment activities to delineate the extent of impacts from the release horizontally and vertically. A total of three (3) vertical sample points (S-1 through S-3) were installed at depths ranging from 0 to 4.5 ft bgs. Additionally, four (4) horizontal sample points (H-1 through H-4) were installed at a depth of 0 to 0.5 ft bgs. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by method 8260B, total petroleum hydrocarbons (TPH) by method 8015M, and chloride by EPA 300.0/9056A. Analytical results from the initial assessment activities identified elevated TPH and chloride concentrations in the area of Sample points S-1 and S-3, respectively. Analytical results for the other samples were below the regulatory limits for all analytes.

On October 18<sup>th</sup>, 2022, NTGE returned to the site to complete vertical horizontal delineation assessment of the release. A total of six (6) vertical delineation sample points (S-1 through S-6) were installed within the release area and collected at 1 ft intervals at depths ranging from 5 ft bgs to 10.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Additionally, six (6) horizontal delineation samples (H-1 through H-6) were installed adjacent to the release area at a depth of 0 to 0.5 ft bgs. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by method 8260B, total petroleum hydrocarbons (TPH) by method 8015M, and chloride by EPA 300.0/9056A. Analytical results indicated that all samples were below NMOCD regulatory limits.

Analytical results are included in Table 1, while sampling locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Mr. Mike Bratcher  
May 16, 2024  
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### **Remedial Action Activities and Confirmation Sampling**

Based on the Site assessment activities, Devon proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above regulatory limits. The impacted soil was excavated to depths of 4 and 6ft bgs. A total of approximately 1,320 cubic yards (yd<sup>3</sup>) of impacted oils were excavated and transported to a permitted disposal facility.

Upon the completion of the initial excavation activities, NTGE conducted a confirmation sampling event on December 6<sup>th</sup>, 2023. A total of ten (10) base confirmation samples (CS-1 through CS-10) and ten (10) sidewall confirmation samples (SW-1 through SW-10) were collected. The confirmation samples were collected in accordance with the one composite sample per 200 ft<sup>2</sup> guideline established in the regulatory criteria. Analytical results indicated that three (3) base confirmation samples (CS-1 through CS-3) and nine (9) sidewall confirmation samples (SW-1 through SW-3 and SW-5 through SW-10) exhibited chloride concentrations above Table 3.1 Closure Criteria. Based on the analytical results, further excavation was needed.

Upon the completion of additional excavation, NTGE conducted a confirmation sampling event on April 9, 2024. A total of eighteen (18) base confirmation samples (CS-1A through CS-3A and CS-11 through CS-25) and sixteen (16) sidewall confirmation samples (SW-1A through SW-10A and SW-11 through SW-16) were collected. The confirmation samples were collected in accordance with the one composite sample per 200 ft<sup>2</sup> guideline established in the regulatory criteria. Analytical results indicated that two (2) sidewall samples (SW-11 and SW-12) exhibited chloride and TPH concentrations above Table 3.1 Closure Criteria. SW-11 and SW-12 are on the south wall of the existing tank battery.

On May 6<sup>th</sup>, 2024, NTGE returned to site to collect two (2) vertical deferral samples (V-1 and V-2). V-1 was collected at depths ranging from five (5) to six (6) ft bgs while V-2 was collected from surface to five (5) ft bgs. Samples were sent to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicate that all samples were below NMOCD closure criteria for site.

Figure 4, Confirmation Sample Map, depicts the locations of the confirmation samples while Figure 5 Deferral Sample Map depicts the locations of where the deferral samples were collected. Analytical results are provided on Table 2, Summary of Soil Analytical Data – Confirmation Samples, and in the Laboratory Analytical Reports provided in attachment D. A photographic log is included in attachment B and sampling notifications are provided in attachment C.

### **Closing and Deferral Request**

Based on the assessment, remediation efforts, and requisite confirmation sampling, the Site is in compliance with the NMOCD regulatory standards with the exception of the areas of SW-11 and SW-12 adjacent to the onsite tank battery. Further remediation of the area around the tank battery was not feasible without undermining the onsite auxiliary equipment. As such the area abutting the tank battery secondary containment and are within the secondary containment were left in-situ. Deferral samples V-1 was placed north of the excavation and abutting tank battery, while V-2 was placed east of the excavation to verify the soils have not been impacted and complete delineation. All these deferral samples were below the Table 1 Closure Criteria standards. Based on the supporting documentation provided in this report, NTGE, on behalf of

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May 16, 2024  
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Devon respectfully requests closure for nAPP2205954078 with deferral of soils left in-situ above NMOCD standards near soil samples SW-11 and SW-12, until time of abandonment or upgrade of equipment allows for accessibility to the area. The Release Notification, Site Assessment/Characterization, and Initial form C-141 area included in the front of this report.

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager

Attachments:

- Initial C-141
- Site Characterization Information
- Tables
- Figures
- Photographic Log
- Laboratory Reports and Chain-of-Custody

**INITIAL C-141**

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District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.
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.
Printed Name: _____ Title: _____ Signature: <u>Kendra DeHoyos</u> Date: _____ email: _____ Telephone: _____
<b><u>OCD Only</u></b> Received by: <u>Ramona Marcus</u> Date: <u>3/2/2022</u>

NAPP2205954078

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>1382.068</u>	<u>1.000</u>
Cubic Feet of Soil Impacted	<u>115.172</u>
Barrels of Soil Impacted	<u>20.53</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>3.08</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	<u>3.08</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>0</u>	<u>0.000</u>
Standing fluid	<u>0.000</u>
<b>Total fluids spilled</b>	<b><u>3.079</u></b>

## **SITE CHARACTERIZATION INFORMATION**

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**NMOCD Closure Criteria**

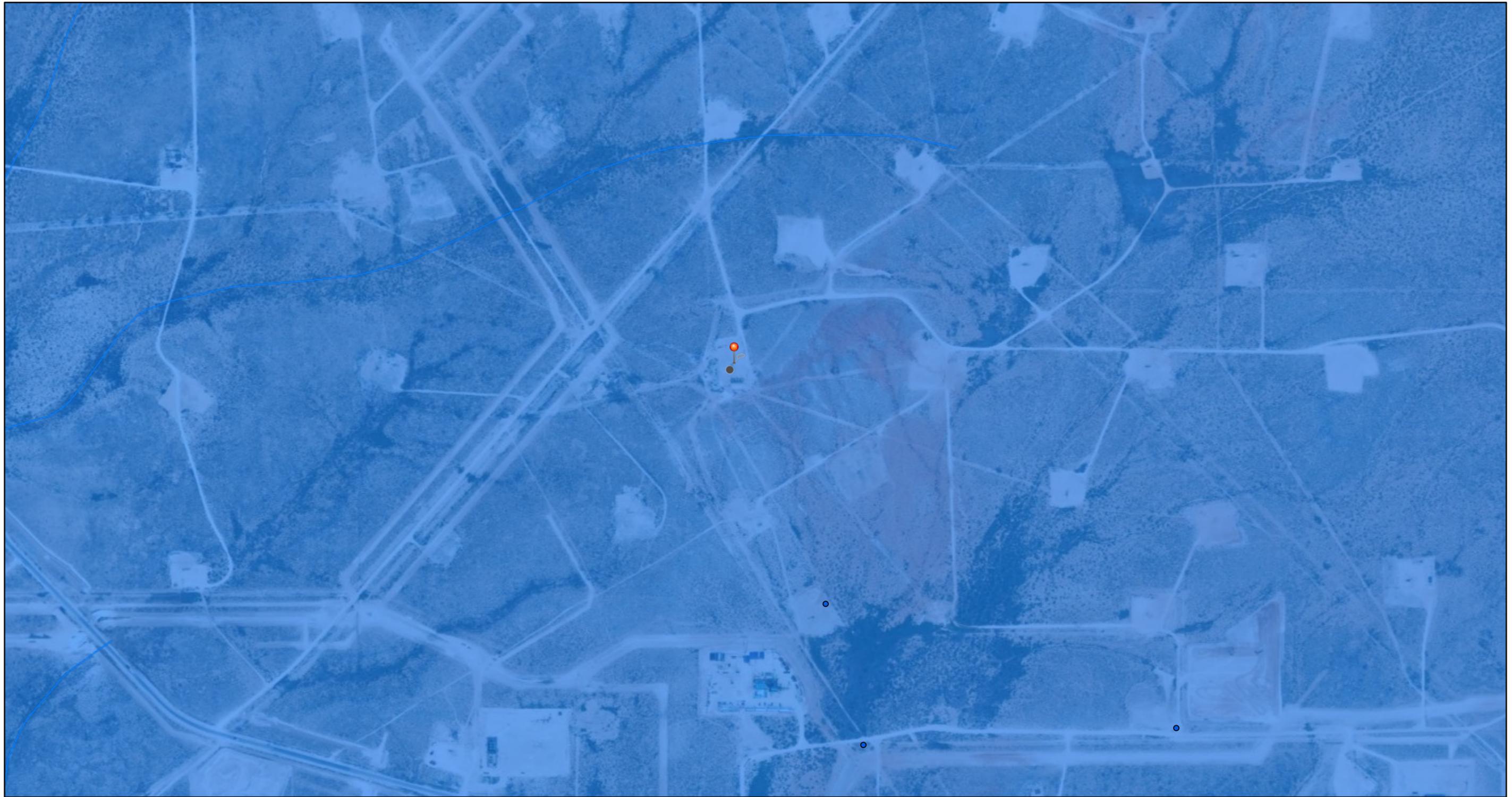
Pinnacle State Battery

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	>55	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)	4,000+	National Wetlands Inventory (NWS)

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

\* - numerical limit or background, whichever is greater

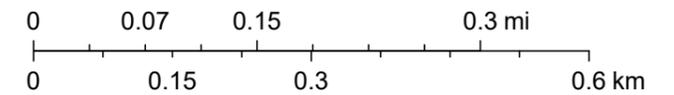
# OCD Site Characterization Map



12/14/2023, 4:53:55 PM

-  Override 1
-  OSE Water PODs
- Karst Occurrence Potential**
-  Medium
-  OSE Streams

1:9,028



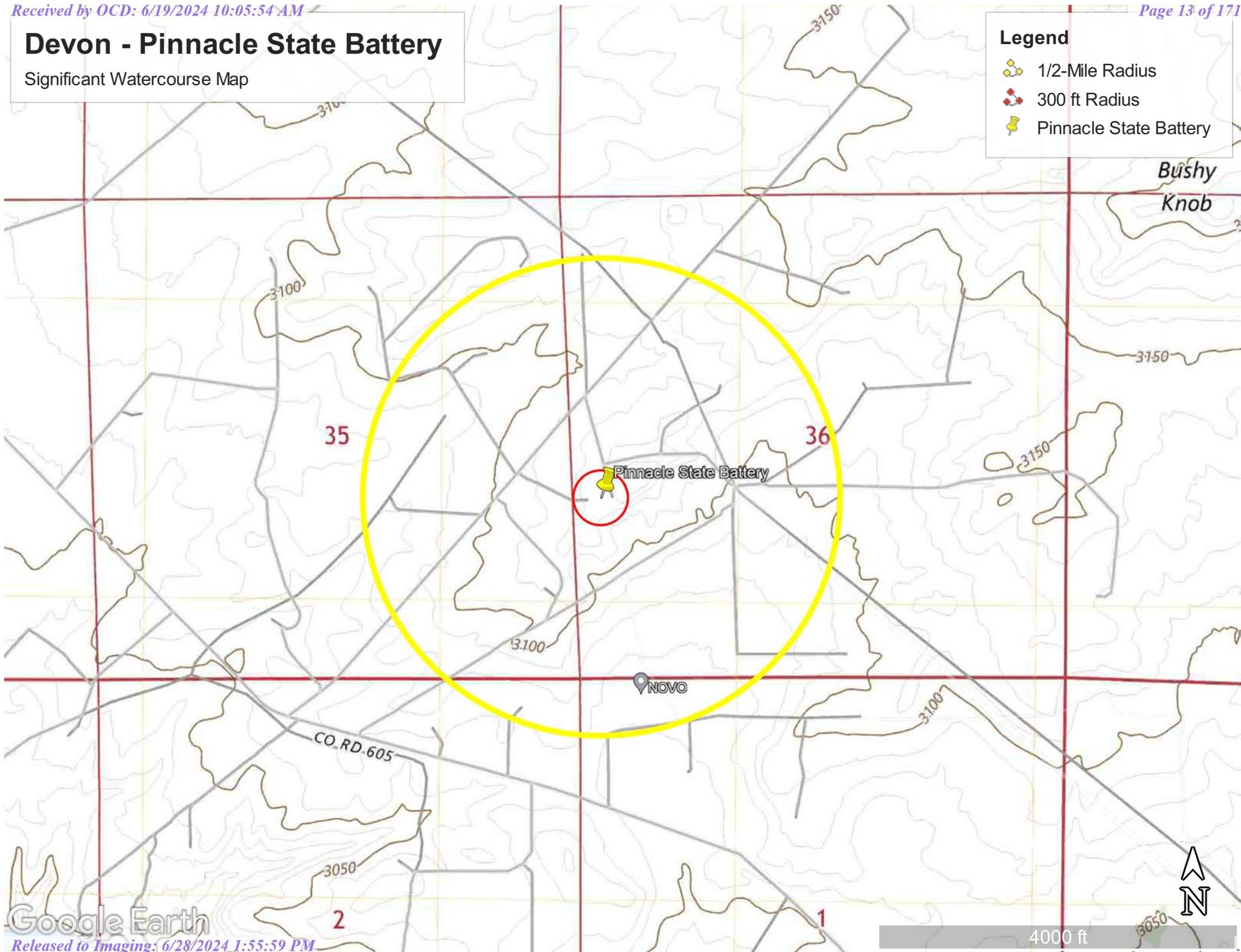
BLM, OCD, New Mexico Tech, USGS, Esri, HERE, Garmin, iPC, Maxar, NM OSE

# Devon - Pinnacle State Battery

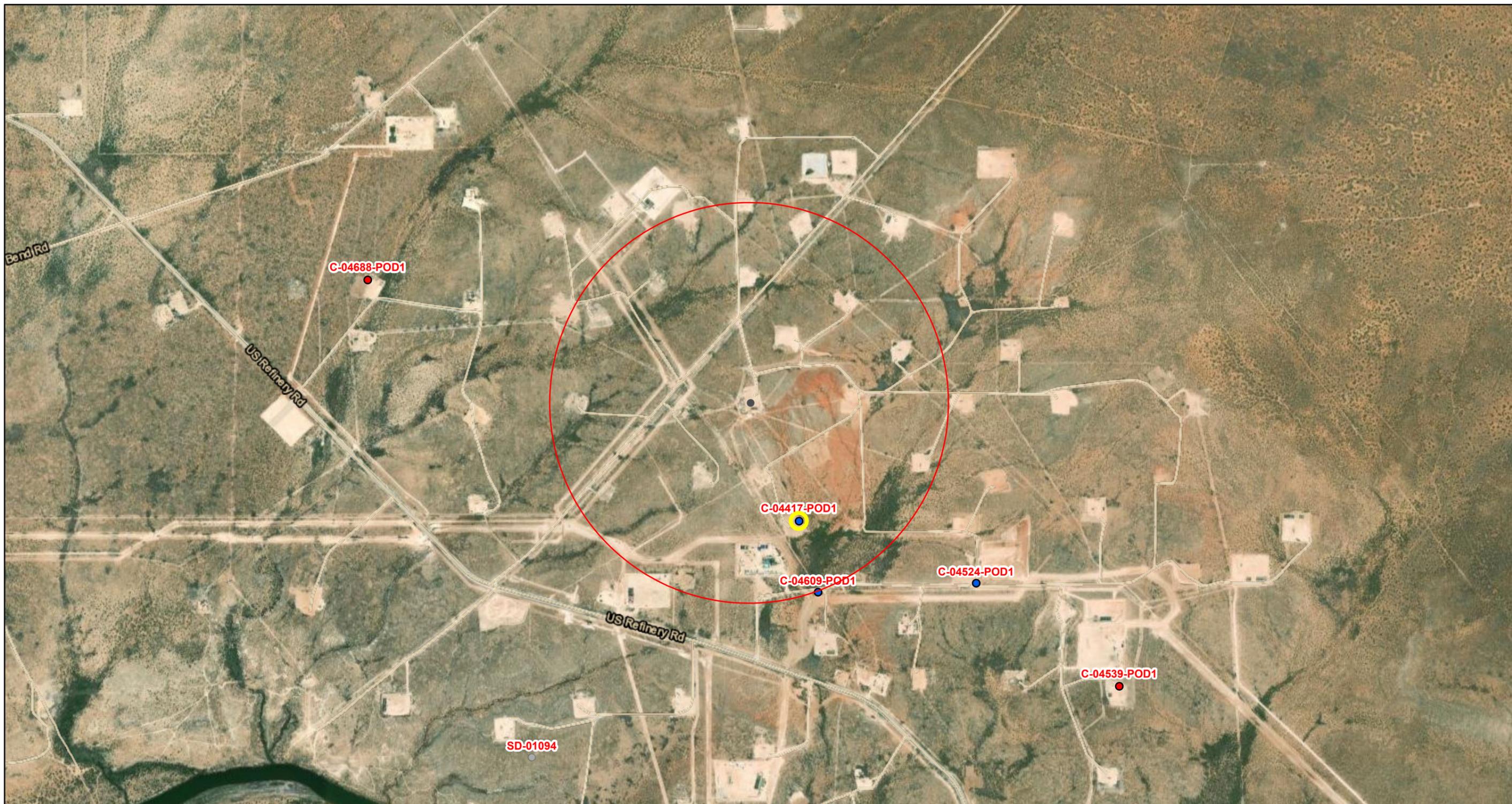
Significant Watercourse Map

## Legend

-  1/2-Mile Radius
-  300 ft Radius
-  Pinnacle State Battery



# OSE POD Location Map

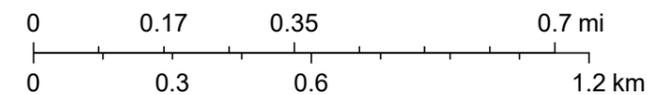


12/14/2023, 4:48:09 PM

GIS WATERS PODs

- Active
- Plugged
- 

1:18,056



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

# National Flood Hazard Layer FIRMette



104°3'13"W 32°21'6"N



## Legend

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

- SPECIAL FLOOD HAZARD AREAS**
    - Without Base Flood Elevation (BFE) Zone A, V, A99
    - With BFE or Depth Zone AE, AO, AH, VE, AR
    - Regulatory Floodway
  - OTHER AREAS OF FLOOD HAZARD**
    - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
    - Future Conditions 1% Annual Chance Flood Hazard Zone X
    - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
    - Area with Flood Risk due to Levee Zone D
  - OTHER AREAS**
    - NO SCREEN Area of Minimal Flood Hazard Zone X
    - Effective LOMRs
    - Area of Undetermined Flood Hazard Zone D
  - GENERAL STRUCTURES**
    - Channel, Culvert, or Storm Sewer
    - Levee, Dike, or Floodwall
  - OTHER FEATURES**
    - Cross Sections with 1% Annual Chance Water Surface Elevation
    - Coastal Transect
    - Base Flood Elevation Line (BFE)
    - Limit of Study
    - Jurisdiction Boundary
    - Coastal Transect Baseline
    - Profile Baseline
    - Hydrographic Feature
  - MAP PANELS**
    - Digital Data Available
    - No Digital Data Available
    - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



1:6,000

104°2'36"W 32°20'36"N

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 **12/14/2023 at 5:59 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.



# Devon - Pinnacle State Battery



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

November 9, 2023

### 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.



# New Mexico Office of the State Engineer Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04417 POD1	4	3	3	36	22S	28E	589736	3578874

<b>Driller License:</b>	1789	<b>Driller Company:</b>	HRL COMPLIANCE SOLUTIONS, INC		
<b>Driller Name:</b>	MARK MUMBY				
<b>Drill Start Date:</b>	03/31/2020	<b>Drill Finish Date:</b>	03/31/2020	<b>Plug Date:</b>	
<b>Log File Date:</b>	05/26/2020	<b>PCW Rev Date:</b>		<b>Source:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	
<b>Casing Size:</b>		<b>Depth Well:</b>	55 feet	<b>Depth Water:</b>	

Casing Perforations:	Top	Bottom
	45	55

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



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

<b>1. GENERAL AND WELL LOCATION</b>	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. Well Tag ID Not Issued		OSE FILE NO(S) C 04417			
	WELL OWNER NAME(S) WPX Energy				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Drive				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 20	SECONDS 35.4	N		
		LONGITUDE	-104	02	47.1	W		
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE M-36-22S-28E; Pinnacle State #25								
<b>2. DRILLING &amp; CASING INFORMATION</b>	LICENSE NO 1789		NAME OF LICENSED DRILLER Mark Mumby			NAME OF WELL DRILLING COMPANY HRL Compliance Solutions		
	DRILLING STARTED 3/31/2020		DRILLING ENDED 3/31/2020		DEPTH OF COMPLETED WELL (FT) 55		BORE HOLE DEPTH (FT) 55	
			DEPTH WATER FIRST ENCOUNTERED (FT) Water was not encountered					
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT) Water was not present in the well after 48-hour	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6.25	Blank PVC	Flush Thread	2.0	0.154	0.010
	45	55	6.25	Factory Slotted PVC Screen	Flush Thread	2.0	0.154	0.010
<b>3. ANNULAR MATERIAL</b>	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				No Annular Seal Material or Gravel Pack	None			

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 04/30/19)		
FILE NO.	C-4417	POD NO.	1	TRN NO.	670394
LOCATION	334 T22S R28E Sec 36	WELL TAG ID NO.	NA	PAGE 1 OF 2	



John R. D Antonio, Jr., P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

**STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 670344  
File Nbr: C 04417  
Well File Nbr: C 04417 POD1

May. 29, 2020

LYNDA LAUMBACH  
WPX ENERGY  
5315 BUENA VISTA DRIVE  
CARLSBAD, NM 88220

Greetings:

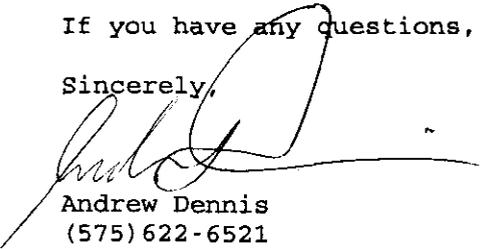
The above numbered permit was issued in your name on 03/26/2020.

The Well Record was received in this office on 05/26/2020, stating that it had been completed on 03/31/2020, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/26/2021.

If you have any questions, please feel free to contact us.

Sincerely,

  
Andrew Dennis  
(575) 622-6521

drywell

## **TABLES**

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**Table 1**  
**Summary of Soil Analytical Data - Initial Assessment Samples**  
**Pinnacle State Battery**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)		
								Table I Closure Criteria for 19.15.29.13 NMAC						
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg	
<b>Vertical Delineation Samples</b>														
S-1	5/16/2022	4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>114</b>	<50.0	<b>114</b>	<50.0	<b>114</b>	<b>191</b>	
	10/18/2022	7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>5,520</b>	
		8-8.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,000</b>	
		9-9.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>	
S-2	10/18/2022	10-10.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16</b>	
		5/16/2022	4.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<b>676</b>
		10/18/2022	5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>
			6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>128</b>
S-3	10/18/2022	7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64</b>	
		5/16/2022	4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	<b>886</b>
		5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>96</b>	
		6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>128</b>	
S-4	10/18/2022	7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>176</b>	
		5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80</b>	
		6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>	
		7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64</b>	
S-5	10/18/2022	8-8.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48</b>	
		9-9.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64</b>	
		5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>48</b>	
		6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>	
S-6	10/18/2022	7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>112</b>	
		5-5.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>	
		6-6.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>	
		7-7.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64</b>	
<b>Horizontal Delineation Samples</b>														
H-1	5/16/2022	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<b>98.5</b>	<50.0	<b>98.5</b>	<50.0	<b>98.5</b>	<b>74.1</b>	
	10/18/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16</b>	
H-2	5/16/2022	0-6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	<b>86.1</b>	
	10/18/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>16</b>	
H-3	5/16/2022	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	<b>83.1</b>	
	10/18/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>	
H-4	5/16/2022	0-6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<b>63.6</b>	<49.8	<b>63.6</b>	<49.8	<b>63.6</b>	<b>72.8</b>	
	10/18/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>32</b>	
H-5	10/18/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>64</b>	
H-6	10/18/2022	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>80</b>	

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B
- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 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).
- Not Analyzed

SP-1 Sample Point Excavated

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**PINNACLE STATE TANK BATTERY #1**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)		
								Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC						
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg	
<b>Bottom Hole Confirmation Samples</b>														
CS-1	12/6/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64,800
CS-1A	4/9/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	864
CS-2	12/6/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	57,600
CS-2A	4/9/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	848
CS-3	12/6/2023	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	52,000
CS-3A	4/9/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-4	12/6/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1,580
CS-5	12/6/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1,440
CS-6	12/6/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	2,160
CS-7	12/6/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1,220
CS-8	12/6/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1,170
CS-9	12/6/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1,040
CS-10	12/6/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	1,090
CS-11	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-12	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	624
CS-13	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	656
CS-14	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	656
CS-15	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	752
CS-16	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	704
CS-17	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-18	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	672
CS-19	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	752
CS-20	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	832
CS-21	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	768
CS-22	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	768
CS-23	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	720
CS-24	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-25	4/9/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	640
<b>Sidewall Confirmation Samples</b>														
SW-1	12/6/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	11,200
SW-1A	4/9/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-2	12/6/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	12,200
SW-2A	4/9/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-3	12/6/2023	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	17,200
SW-3A	4/9/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-4	12/6/2023	4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	7,440
SW-4A	4/9/2024	5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	656
SW-5	12/6/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	20,600
SW-5A	4/9/2024	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-6	12/6/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	15,600

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**PINNACLE STATE TANK BATTERY #1**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

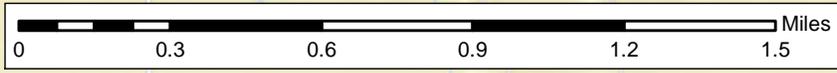
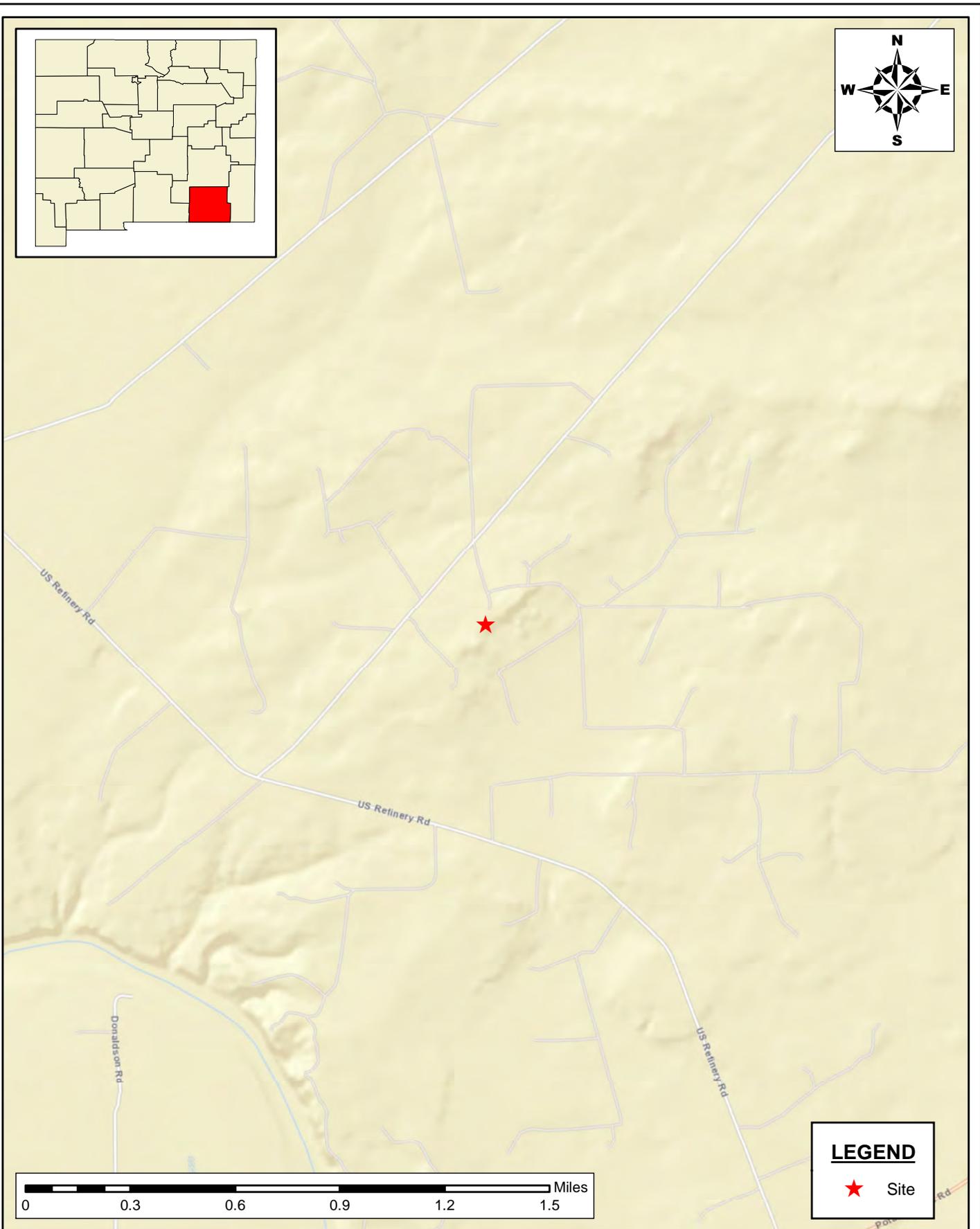
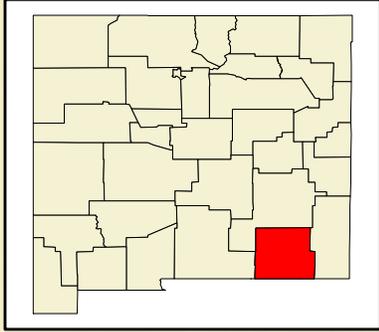
Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)		
								Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC						
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg	
SW-6A	4/9/2024	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-7	<del>12/6/2023</del>	0-5'	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	13,600
SW-7A	4/9/2024	4-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-8	<del>12/6/2023</del>	0-5'	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	16,800
SW-8A	4/9/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-9	<del>12/6/2023</del>	0-5'	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	17,600
SW-9A	4/9/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-10	<del>12/6/2023</del>	0-5'	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	9,600
SW-10A	4/9/2024	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-11	4/9/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	5,300	5,300	2,020	7,320	5,440	
SW-12	4/9/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,740	1,740	744	2,484	4,800	
SW-13	4/9/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-14	4/9/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-15	4/9/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-16	4/9/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
Deferral Delineation Samples														
V-1	5/6/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32
	5/6/2024	6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16
V-2	5/6/2024	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16
	5/6/2024	2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	5/6/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	5/6/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	5/6/2024	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

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

**SP-1** Sample Point Excavated

## **FIGURES**

---



**LEGEND**

★ Site

Document Path: P:\2022 PROJECTS\DEVON\RSC\225658 - Pinnacle State Tank Battery #17- Figures\GIS\Figure\_1\_SL.mxd

SITE LOCATION MAP  
DEFERRAL REPORT  
PINNACLE STATE TANK BATTERY #1  
DEVON ENERGY PRODUCTION, LLC  
EDDY COUNTY, NEW MEXICO



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

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

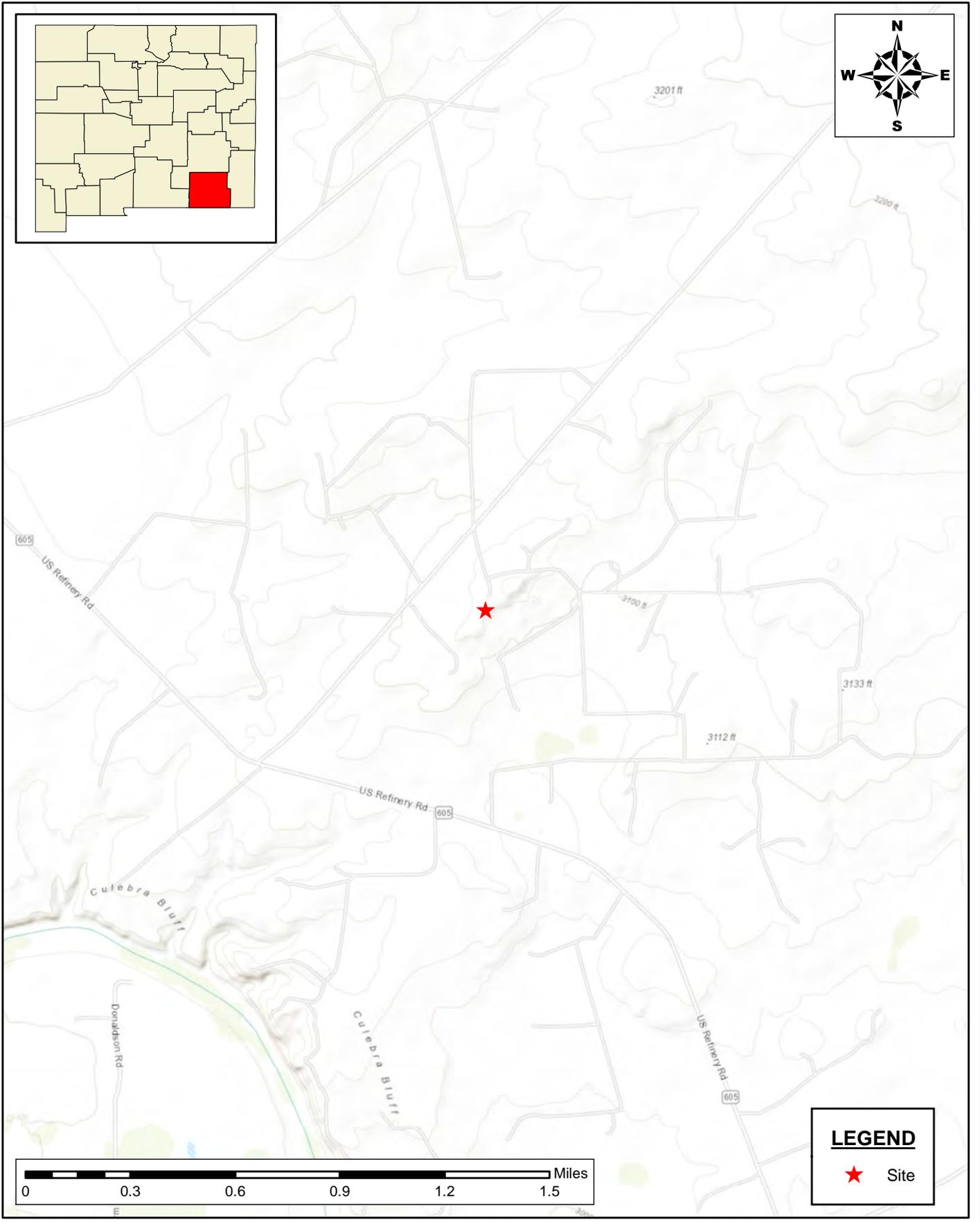
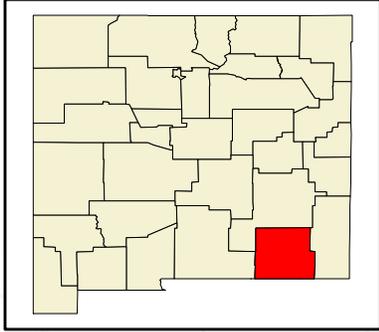
DRAWING NUMBER:

**FIGURE 1**

SHEET NUMBER:

**1 of 1**

SCALE: As Shown    Date: 5/27/2022    PROJECT #: 225658



Document Path: P:\2022 PROJECTS\DEVON\RSC\225658 - Pinnacle State Tank Battery #17- Figures\GIS\Figure\_2\_SL.mxd

SITE LOCATION MAP  
 DEFERRAL REPORT  
 PINNACLE STATE TANK BATTERY #1  
 DEVON ENERGY PRODUCTION, LLC  
 EDDY COUNTY, NEW MEXICO



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

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 2**

SHEET NUMBER:

**1 of 1**

SCALE: As Shown

Date: 5/27/2022

PROJECT #: 225658

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\RSC\225658 - Pinnacle State Tank Battery #17- Figures\GIS\Figure 3 Updated 2024.mxd



**LEGEND**

- Vertical Sample
- Horizontal Sample
- Area of Concern

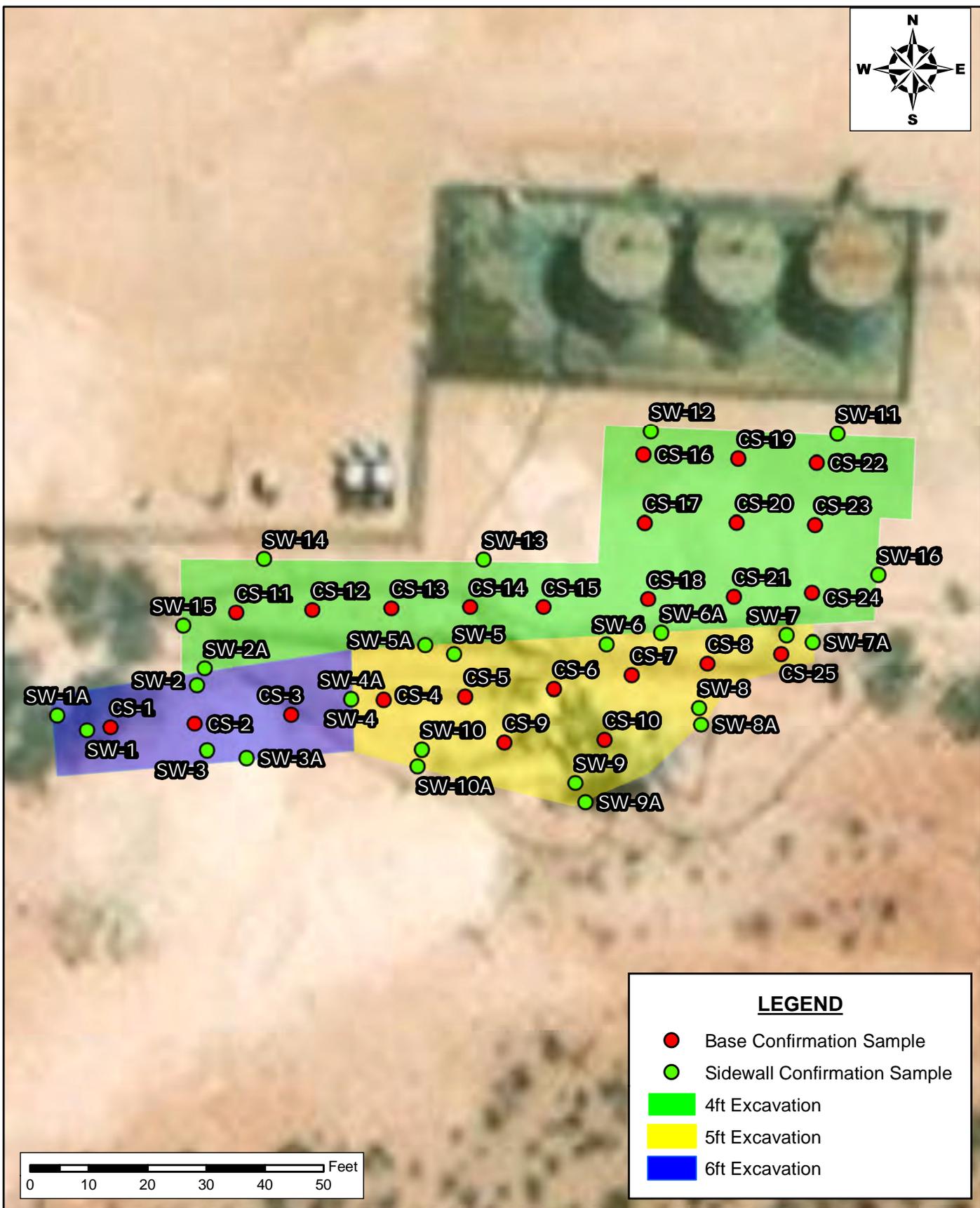
SITE ASSESSMENT MAP  
 DEFERRAL REPORT  
 PINNACLE STATE TANK BATTERY #1  
 DEVON ENERGY PRODUCTION COMPANY  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 3/12/2024    PROJECT #: 225658

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

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

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



**LEGEND**

- Base Confirmation Sample
- Sidewall Confirmation Sample
- 4ft Excavation
- 5ft Excavation
- 6ft Excavation

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\RSC\225658 - Pinnacle State Tank Battery #17 - Figures\GIS\FIGURE 4 CS.mxd



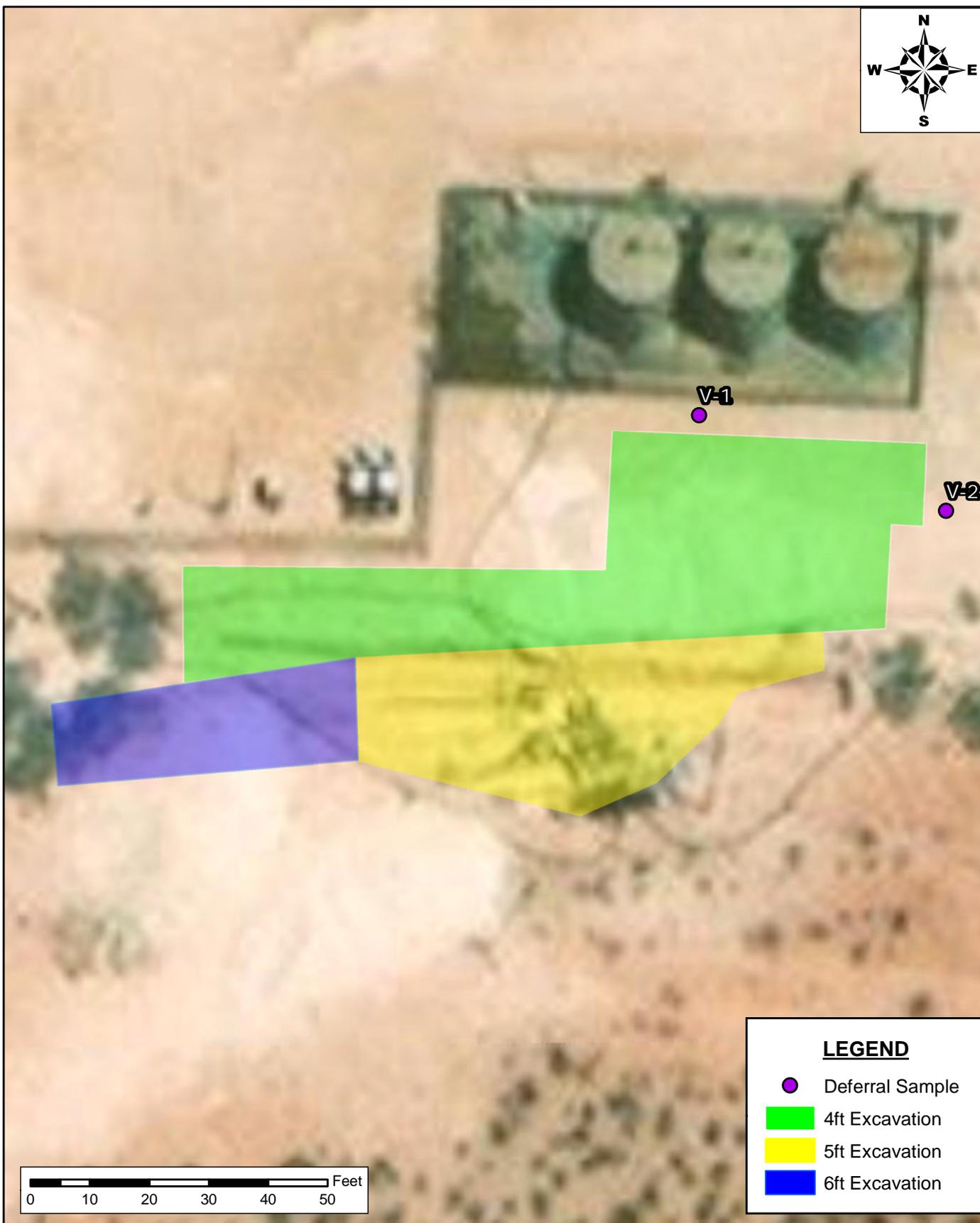
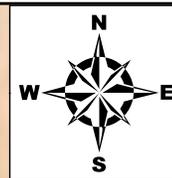
CONFIRMATION SAMPLE MAP  
DEFERRAL REPORT  
PINNACLE STATE TANK BATTERY #1  
DEVON ENERGY PRODUCTION COMPANY  
EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 5/16/2024    PROJECT #: 225658

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

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

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



**LEGEND**

-  Deferral Sample
-  4ft Excavation
-  5ft Excavation
-  6ft Excavation

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\RSC\225658 - Pinnacle State Tank Battery #17 - Figures\GIS\Figure\_5\_DM.mxd

DEFERRAL SAMPLE MAP  
 DEFERRAL REPORT  
 PINNACLE STATE TANK BATTERY #1  
 DEVON ENERGY PRODUCTION COMPANY  
 EDDY COUNTY, NEW MEXICO



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

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 5**

SHEET NUMBER:

**1 of 1**

SCALE: As Shown      Date: 5/16/2024      PROJECT #: 225658

**PHOTOGRAPHIC LOG**

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# PHOTOGRAPHIC LOG

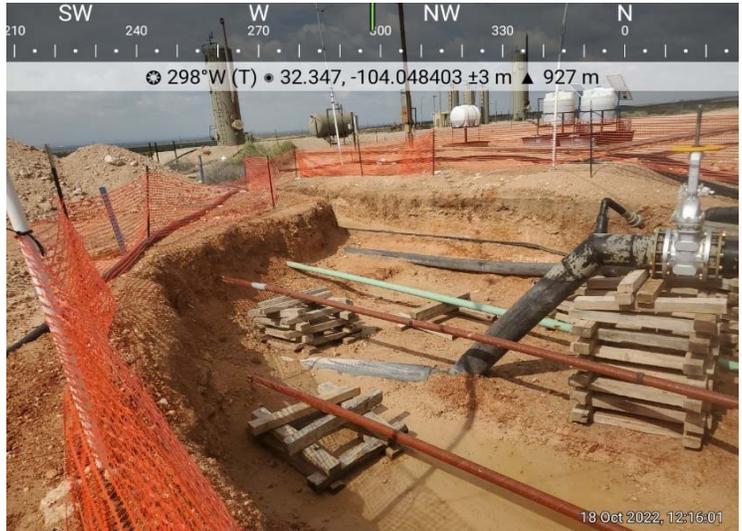
## Devon Energy Production Company

### Photograph No. 1

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation and delineation

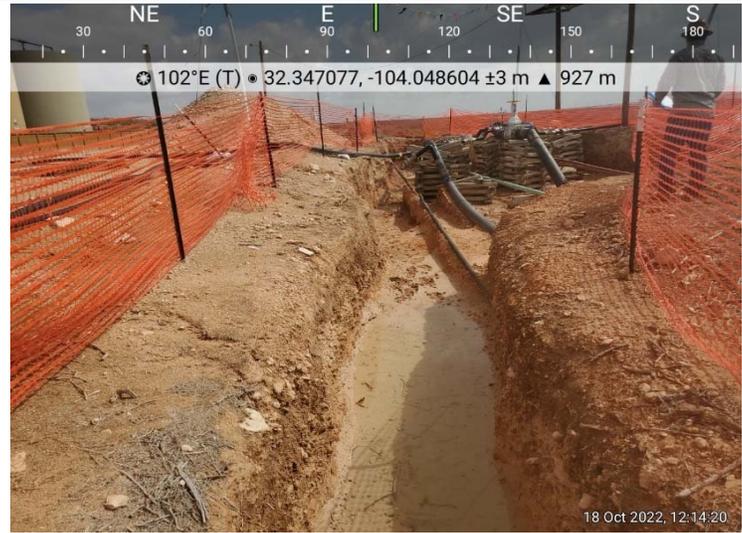


### Photograph No. 2

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation and delineation

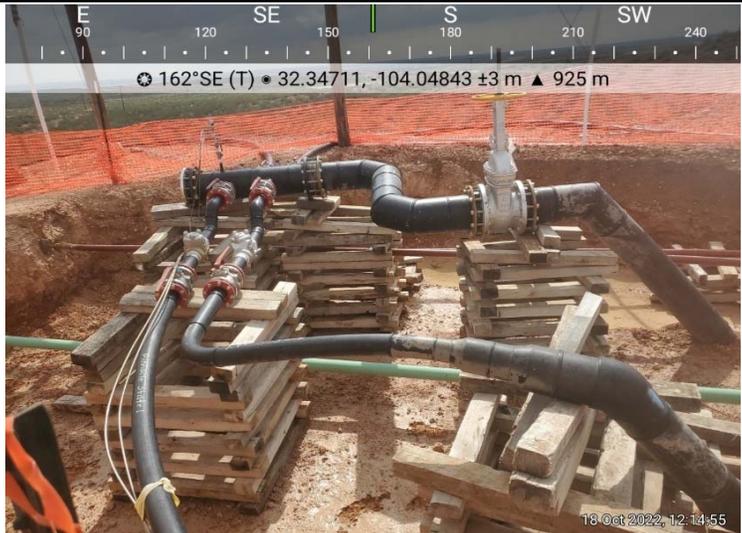


### Photograph No. 3

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation and delineation



# PHOTOGRAPHIC LOG

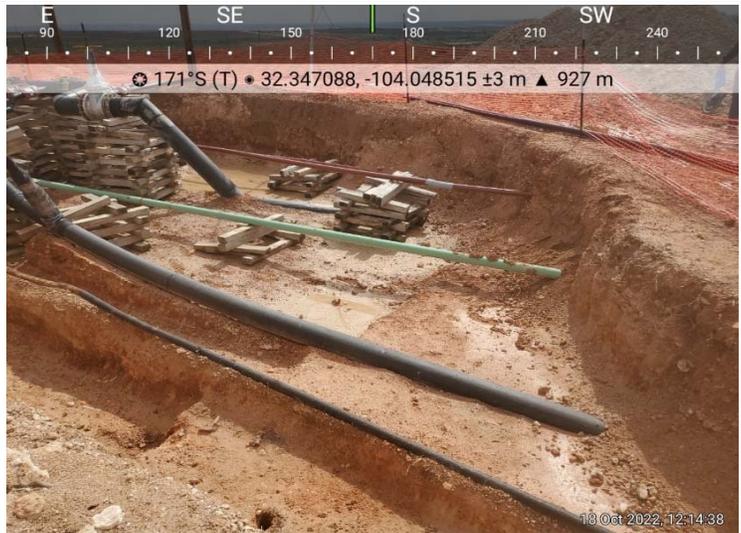
## Devon Energy Production Company

### Photograph No. 4

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation and delineation



### Photograph No. 5

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation and delineation



### Photograph No. 6

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation and delineation



# PHOTOGRAPHIC LOG

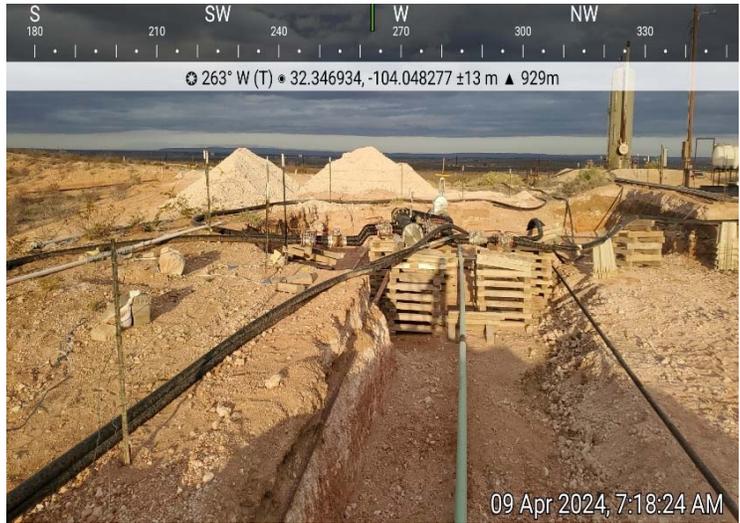
## Devon Energy Production Company

### Photograph No. 7

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation

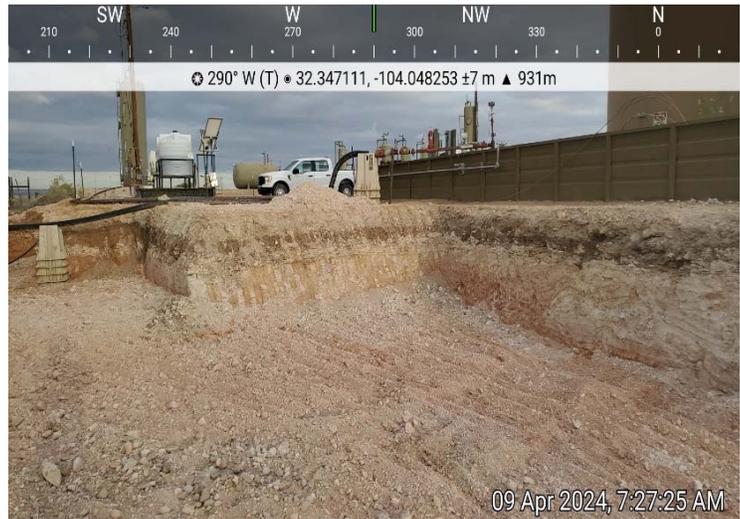


### Photograph No. 8

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation



### Photograph No. 9

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of excavation



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 10

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of Backfill



### Photograph No. 11

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of Backfill



### Photograph No. 12

**Facility:** Pinnacle State Tank Battery

**County:** Eddy County, New Mexico

**Description:**  
View of Backfill



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



Environment Testing  
America

## ANALYTICAL REPORT

Eurofins Midland  
1211 W. Florida Ave  
Midland, TX 79701  
Tel: (432)704-5440

Laboratory Job ID: 880-14857-1  
Laboratory Sample Delivery Group: Eddy Co. NM  
Client Project/Site: Pinnacle State Tank Battery #1

For:  
NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Gordon Banks

Authorized for release by:  
5/20/2022 3:29:08 PM

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



### LINKS

Review your project  
results through



Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
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- 14

Client: NT Global  
Project/Site: Pinnacle State Tank Battery #1

Laboratory Job ID: 880-14857-1  
SDG: Eddy Co. NM

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## Definitions/Glossary

Client: NT Global

Job ID: 880-14857-1

Project/Site: Pinnacle State Tank Battery #1

SDG: Eddy Co. NM

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

### Case Narrative

Client: NT Global  
Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
SDG: Eddy Co. NM

**Job ID: 880-14857-1**

**Laboratory: Eurofins Midland**

**Narrative**

**Job Narrative  
880-14857-1**

**Receipt**

The samples were received on 5/16/2022 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C

**GC VOA**

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

**GC Semi VOA**

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside the upper control limit: (MB 880-25793/1-A). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (880-14856-A-1-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-25793 and analytical batch 880-25772 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

**HPLC/IC**

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



### Client Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

**Client Sample ID: S-1 (4')**

**Lab Sample ID: 880-14857-3**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/17/22 14:18	05/18/22 15:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/17/22 14:18	05/18/22 15:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/17/22 14:18	05/18/22 15:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/17/22 14:18	05/18/22 15:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/17/22 14:18	05/18/22 15:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/17/22 14:18	05/18/22 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/17/22 14:18	05/18/22 15:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/17/22 14:18	05/18/22 15:38	1

**Method: Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/19/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	114		50.0		mg/Kg			05/18/22 08:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	114		50.0		mg/Kg		05/18/22 09:02	05/18/22 14:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/22 09:02	05/18/22 14:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/22 09:02	05/18/22 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	05/18/22 09:02	05/18/22 14:47	1
o-Terphenyl	128		70 - 130	05/18/22 09:02	05/18/22 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		4.99		mg/Kg			05/18/22 01:43	1

**Client Sample ID: S-2 (4.5')**

**Lab Sample ID: 880-14857-7**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 15:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 15:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 15:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/17/22 14:18	05/18/22 15:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 15:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/17/22 14:18	05/18/22 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/17/22 14:18	05/18/22 15:59	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/17/22 14:18	05/18/22 15:59	1

Eurofins Midland

### Client Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

**Client Sample ID: S-2 (4.5')**

**Lab Sample ID: 880-14857-7**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

**Method: Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/19/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/18/22 08:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/17/22 13:00	05/17/22 19:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/17/22 13:00	05/17/22 19:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/22 13:00	05/17/22 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	05/17/22 13:00	05/17/22 19:09	1
o-Terphenyl	118		70 - 130	05/17/22 13:00	05/17/22 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	676		4.98		mg/Kg			05/18/22 01:52	1

**Client Sample ID: S-3 (4')**

**Lab Sample ID: 880-14857-10**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/17/22 14:18	05/18/22 17:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/17/22 14:18	05/18/22 17:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/22 14:18	05/18/22 17:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/17/22 14:18	05/18/22 17:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/22 14:18	05/18/22 17:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/17/22 14:18	05/18/22 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/17/22 14:18	05/18/22 17:37	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/17/22 14:18	05/18/22 17:37	1

**Method: Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/19/22 11:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/18/22 08:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/17/22 13:00	05/17/22 19:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/17/22 13:00	05/17/22 19:31	1

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### Client Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

**Client Sample ID: S-3 (4')**

**Lab Sample ID: 880-14857-10**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/17/22 13:00	05/17/22 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/17/22 13:00	05/17/22 19:31	1
o-Terphenyl	86		70 - 130				05/17/22 13:00	05/17/22 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	886		4.97		mg/Kg			05/18/22 14:24	1

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

## Surrogate Summary

Client: NT Global  
Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
SDG: Eddy Co. NM

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-14857-3	S-1 (4')	109	93
880-14857-7	S-2 (4.5')	108	96
880-14857-10	S-3 (4')	109	94
890-2306-A-1-D MS	Matrix Spike	101	98
890-2306-A-1-E MSD	Matrix Spike Duplicate	102	95
LCS 880-25749/1-A	Lab Control Sample	101	98
LCSD 880-25749/2-A	Lab Control Sample Dup	97	97
MB 880-25749/5-A	Method Blank	97	98

## Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-14809-A-1-C MS	Matrix Spike	101	92
880-14809-A-1-D MSD	Matrix Spike Duplicate	100	93
880-14856-A-1-F MS	Matrix Spike	110	103
880-14856-A-1-G MSD	Matrix Spike Duplicate	97	94
880-14857-3	S-1 (4')	117	128
880-14857-7	S-2 (4.5')	115	118
880-14857-10	S-3 (4')	87	86
LCS 880-25667/2-A	Lab Control Sample	106	104
LCS 880-25793/2-A	Lab Control Sample	102	109
LCSD 880-25667/3-A	Lab Control Sample Dup	106	105
LCSD 880-25793/3-A	Lab Control Sample Dup	104	104
MB 880-25667/1-A	Method Blank	107	108
MB 880-25793/1-A	Method Blank	125	146 S1+

## Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

### QC Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-25749/5-A  
 Matrix: Solid  
 Analysis Batch: 25806

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 25749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 13:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 13:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 13:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/22 14:18	05/18/22 13:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/22 14:18	05/18/22 13:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/22 14:18	05/18/22 13:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	05/17/22 14:18	05/18/22 13:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/17/22 14:18	05/18/22 13:06	1

Lab Sample ID: LCS 880-25749/1-A  
 Matrix: Solid  
 Analysis Batch: 25806

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 25749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09743		mg/Kg		97	70 - 130
Toluene	0.100	0.09874		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1144		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2050		mg/Kg		103	70 - 130
o-Xylene	0.100	0.09655		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-25749/2-A  
 Matrix: Solid  
 Analysis Batch: 25806

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 25749

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08840		mg/Kg		88	70 - 130	10	35
Toluene	0.100	0.08787		mg/Kg		88	70 - 130	12	35
Ethylbenzene	0.100	0.1000		mg/Kg		100	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130	13	35
o-Xylene	0.100	0.08469		mg/Kg		85	70 - 130	13	35

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

Lab Sample ID: 890-2306-A-1-D MS  
 Matrix: Solid  
 Analysis Batch: 25806

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 25749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.09042		mg/Kg		90	70 - 130
Toluene	<0.00199	U	0.100	0.08913		mg/Kg		88	70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

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

Lab Sample ID: 890-2306-A-1-D MS  
 Matrix: Solid  
 Analysis Batch: 25806

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 25749

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00199	U	0.100	0.1015		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1822		mg/Kg		91	70 - 130
o-Xylene	<0.00199	U	0.100	0.08657		mg/Kg		86	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-2306-A-1-E MSD  
 Matrix: Solid  
 Analysis Batch: 25806

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 25749

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00199	U	0.100	0.09636		mg/Kg		96	70 - 130	6	35
Toluene	<0.00199	U	0.100	0.09963		mg/Kg		99	70 - 130	11	35
Ethylbenzene	<0.00199	U	0.100	0.1164		mg/Kg		116	70 - 130	14	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2064		mg/Kg		103	70 - 130	12	35
o-Xylene	<0.00199	U	0.100	0.09745		mg/Kg		97	70 - 130	12	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-25667/1-A  
 Matrix: Solid  
 Analysis Batch: 25669

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 25667

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/17/22 08:22	05/17/22 10:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/17/22 08:22	05/17/22 10:19	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/22 08:22	05/17/22 10:19	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	107		70 - 130	05/17/22 08:22	05/17/22 10:19	1
o-Terphenyl	108		70 - 130	05/17/22 08:22	05/17/22 10:19	1

Lab Sample ID: LCS 880-25667/2-A  
 Matrix: Solid  
 Analysis Batch: 25669

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 25667

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	893.2		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	997.7		mg/Kg		100	70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

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

**Lab Sample ID: LCS 880-25667/2-A**  
**Matrix: Solid**  
**Analysis Batch: 25669**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 25667**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	106		70 - 130
o-Terphenyl	104		70 - 130

**Lab Sample ID: LCSD 880-25667/3-A**  
**Matrix: Solid**  
**Analysis Batch: 25669**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 25667**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	891.7		mg/Kg		89	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	991.7		mg/Kg		99	70 - 130	1		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	106		70 - 130
o-Terphenyl	105		70 - 130

**Lab Sample ID: 880-14809-A-1-C MS**  
**Matrix: Solid**  
**Analysis Batch: 25669**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 25667**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	937.1		mg/Kg		90	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1000		mg/Kg		100	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	101		70 - 130
o-Terphenyl	92		70 - 130

**Lab Sample ID: 880-14809-A-1-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 25669**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 25667**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	919.8		mg/Kg		88	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	999.6		mg/Kg		100	70 - 130	0		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	100		70 - 130
o-Terphenyl	93		70 - 130

### QC Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

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

**Lab Sample ID: MB 880-25793/1-A**  
**Matrix: Solid**  
**Analysis Batch: 25772**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 25793**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/18/22 09:02	05/18/22 11:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/18/22 09:02	05/18/22 11:29	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/18/22 09:02	05/18/22 11:29	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	125		70 - 130	05/18/22 09:02	05/18/22 11:29	1
o-Terphenyl	146	S1+	70 - 130	05/18/22 09:02	05/18/22 11:29	1

**Lab Sample ID: LCS 880-25793/2-A**  
**Matrix: Solid**  
**Analysis Batch: 25772**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 25793**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	861.2		mg/Kg		86	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	102		70 - 130
o-Terphenyl	109		70 - 130

**Lab Sample ID: LCSD 880-25793/3-A**  
**Matrix: Solid**  
**Analysis Batch: 25772**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 25793**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1105		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	823.0		mg/Kg		82	70 - 130	5	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	104		70 - 130
o-Terphenyl	104		70 - 130

**Lab Sample ID: 880-14856-A-1-F MS**  
**Matrix: Solid**  
**Analysis Batch: 25772**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 25793**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	98.5	F1	1000	1616	F1	mg/Kg		152	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1204		mg/Kg		120	70 - 130

### QC Sample Results

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

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

Lab Sample ID: 880-14856-A-1-F MS  
 Matrix: Solid  
 Analysis Batch: 25772

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 25793

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 880-14856-A-1-G MSD  
 Matrix: Solid  
 Analysis Batch: 25772

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 25793

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	98.5	F1	999	1379		mg/Kg		128	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1072		mg/Kg		107	70 - 130	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	94		70 - 130

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

Lab Sample ID: MB 880-25729/1-A  
 Matrix: Solid  
 Analysis Batch: 25767

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/17/22 22:07	1

Lab Sample ID: LCS 880-25729/2-A  
 Matrix: Solid  
 Analysis Batch: 25767

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.0		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-25729/3-A  
 Matrix: Solid  
 Analysis Batch: 25767

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.9		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-14782-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 25767

Client Sample ID: Matrix Spike  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.90		249	249.5		mg/Kg		96	90 - 110

### QC Sample Results

Client: NT Global  
Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
SDG: Eddy Co. NM

#### Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-14782-A-1-C MSD  
Matrix: Solid  
Analysis Batch: 25767

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.90		249	250.2		mg/Kg		97	90 - 110	0	20

- 1
- 2
- 3
- 4
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- 10
- 11
- 12
- 13
- 14

### QC Association Summary

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

#### GC VOA

##### Prep Batch: 25749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Total/NA	Solid	5035	
880-14857-7	S-2 (4.5')	Total/NA	Solid	5035	
880-14857-10	S-3 (4')	Total/NA	Solid	5035	
MB 880-25749/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25749/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25749/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2306-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-2306-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Analysis Batch: 25806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Total/NA	Solid	8021B	25749
880-14857-7	S-2 (4.5')	Total/NA	Solid	8021B	25749
880-14857-10	S-3 (4')	Total/NA	Solid	8021B	25749
MB 880-25749/5-A	Method Blank	Total/NA	Solid	8021B	25749
LCS 880-25749/1-A	Lab Control Sample	Total/NA	Solid	8021B	25749
LCSD 880-25749/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25749
890-2306-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	25749
890-2306-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	25749

##### Analysis Batch: 25884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Total/NA	Solid	Total BTEX	
880-14857-7	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-14857-10	S-3 (4')	Total/NA	Solid	Total BTEX	

#### GC Semi VOA

##### Prep Batch: 25667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-7	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-14857-10	S-3 (4')	Total/NA	Solid	8015NM Prep	
MB 880-25667/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25667/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25667/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14809-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-14809-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 25669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-7	S-2 (4.5')	Total/NA	Solid	8015B NM	25667
880-14857-10	S-3 (4')	Total/NA	Solid	8015B NM	25667
MB 880-25667/1-A	Method Blank	Total/NA	Solid	8015B NM	25667
LCS 880-25667/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25667
LCSD 880-25667/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25667
880-14809-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	25667
880-14809-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	25667

##### Analysis Batch: 25772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Total/NA	Solid	8015B NM	25793

Eurofins Midland

## QC Association Summary

Client: NT Global  
Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
SDG: Eddy Co. NM

## GC Semi VOA (Continued)

## Analysis Batch: 25772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-25793/1-A	Method Blank	Total/NA	Solid	8015B NM	25793
LCS 880-25793/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25793
LCSD 880-25793/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25793
880-14856-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	25793
880-14856-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	25793

## Analysis Batch: 25787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Total/NA	Solid	8015 NM	
880-14857-7	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-14857-10	S-3 (4')	Total/NA	Solid	8015 NM	

## Prep Batch: 25793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Total/NA	Solid	8015NM Prep	
MB 880-25793/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25793/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25793/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14856-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-14856-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## HPLC/IC

## Leach Batch: 25729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Soluble	Solid	DI Leach	
880-14857-7	S-2 (4.5')	Soluble	Solid	DI Leach	
880-14857-10	S-3 (4')	Soluble	Solid	DI Leach	
MB 880-25729/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25729/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25729/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14782-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14782-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 25767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14857-3	S-1 (4')	Soluble	Solid	300.0	25729
880-14857-7	S-2 (4.5')	Soluble	Solid	300.0	25729
880-14857-10	S-3 (4')	Soluble	Solid	300.0	25729
MB 880-25729/1-A	Method Blank	Soluble	Solid	300.0	25729
LCS 880-25729/2-A	Lab Control Sample	Soluble	Solid	300.0	25729
LCSD 880-25729/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25729
880-14782-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	25729
880-14782-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	25729

Eurofins Midland

### Lab Chronicle

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

**Client Sample ID: S-1 (4')**

**Lab Sample ID: 880-14857-3**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	25749	05/17/22 14:18	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25806	05/18/22 15:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25884	05/19/22 11:21	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25787	05/18/22 08:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25793	05/18/22 09:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25772	05/18/22 14:47	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25729	05/17/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			25767	05/18/22 01:43	CH	XEN MID

**Client Sample ID: S-2 (4.5')**

**Lab Sample ID: 880-14857-7**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	25749	05/17/22 14:18	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25806	05/18/22 15:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25884	05/19/22 11:21	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25787	05/18/22 08:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25667	05/17/22 13:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25669	05/17/22 19:09	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25729	05/17/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			25767	05/18/22 01:52	CH	XEN MID

**Client Sample ID: S-3 (4')**

**Lab Sample ID: 880-14857-10**

Date Collected: 05/16/22 00:00

Matrix: Solid

Date Received: 05/16/22 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	25749	05/17/22 14:18	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25806	05/18/22 17:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25884	05/19/22 11:21	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25787	05/18/22 08:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25667	05/17/22 13:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25669	05/17/22 19:31	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25729	05/17/22 16:00	CH	XEN MID
Soluble	Analysis	300.0		1			25767	05/18/22 14:24	CH	XEN MID

**Laboratory References:**

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

### Accreditation/Certification Summary

Client: NT Global  
Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
SDG: Eddy Co. NM

#### Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

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

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

### Method Summary

Client: NT Global  
 Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
 SDG: Eddy Co. NM

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

**Protocol References:**

- ASTM = ASTM International
- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: NT Global  
Project/Site: Pinnacle State Tank Battery #1

Job ID: 880-14857-1  
SDG: Eddy Co. NM

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-14857-3	S-1 (4')	Solid	05/16/22 00:00	05/16/22 17:05
880-14857-7	S-2 (4.5')	Solid	05/16/22 00:00	05/16/22 17:05
880-14857-10	S-3 (4')	Solid	05/16/22 00:00	05/16/22 17:05

- 1
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- 3
- 4
- 5
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- 10
- 11
- 12
- 13
- 14



### Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-14857-1

SDG Number: Eddy Co. NM

Login Number: 14857

List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

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

- 1
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- 12
- 13
- 14



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

October 19, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE STATE TANK BATTERY #1

Enclosed are the results of analyses for samples received by the laboratory on 10/18/22 13:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 1 (7-7.5) (H224886-01)**

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	10/19/2022	ND	2.05	103	2.00	9.53	
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	10/19/2022	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	10/18/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/18/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/18/2022	ND					

Surrogate: 1-Chlorooctane 67.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.7 % 46.3-178

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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 1 (8-8.5) (H224886-02)**

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	10/19/2022	ND	2.05	103	2.00	9.53	
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1000	16.0	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 76.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.8 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 1 (9-9.5) (H224886-03)**

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	10/19/2022	ND	2.05	103	2.00	9.53	
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 1 (10-10.5) (H224886-04)**

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	10/19/2022	ND	2.05	103	2.00	9.53	
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-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	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 75.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.7 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 2 (5-5.5) (H224886-05)**

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	10/19/2022	ND	2.05	103	2.00	9.53	
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.2 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 2 (6-6.5) (H224886-06)**

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	10/19/2022	ND	2.05	103	2.00	9.53	
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 2 (7-7.5) (H224886-07)**

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	10/19/2022	ND	2.05	103	2.00	9.53	
Toluene*	<0.050	0.050	10/19/2022	ND	2.02	101	2.00	9.53	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	2.00	100	2.00	9.70	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	6.09	101	6.00	9.78	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 3 (5-5.5) (H224886-08)**

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	10/18/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/18/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/18/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/18/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.3 % 69.9-140

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	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.7 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 3 (6-6.5) (H224886-09)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 69.9-140

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	10/19/2022	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	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 46.3-178

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**Analytical Results For:**

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

Received:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 3 (7-7.5) (H224886-10)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 46.3-178

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**Analytical Results For:**

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

Received:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 4 (5-5.5) (H224886-11)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 72.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.7 % 46.3-178

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**Analytical Results For:**

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

Received:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 4 (6-6.5) (H224886-12)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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**Analytical Results For:**

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

Received:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 4 (7-7.5) (H224886-13)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.9 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.1 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 4 (8-8.5) (H224886-14)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.9 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 77.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.4 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 4 (9-9.5) (H224886-15)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.5 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.5 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 5 (5-5.5) (H224886-16)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.2 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 5 (6-6.5) (H224886-17)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.5 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 5 (7-7.5) (H224886-18)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	206	103	200	3.39	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	194	96.8	200	6.79	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.3 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: H - 1 (H224886-19)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 69.9-140

Chloride, SM4500CI-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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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**Analytical Results For:**

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

Received:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: H - 2 (H224886-20)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 69.9-140

Chloride, SM4500CI-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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: H - 3 (H224886-21)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: H - 4 (H224886-22)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: H - 5 (H224886-23)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: H - 6 (H224886-24)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 6 (5-5.5) (H224886-25)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.5 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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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:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 6 (6-6.5) (H224886-26)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

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\*=Accredited Analyte

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**Analytical Results For:**

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

Received:	10/18/2022	Sampling Date:	10/18/2022
Reported:	10/19/2022	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	** (See Notes)
Project Number:	225658	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO.		

**Sample ID: S - 6 (7-7.5) (H224886-27)**

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	10/19/2022	ND	2.21	110	2.00	8.44	
Toluene*	<0.050	0.050	10/19/2022	ND	2.07	103	2.00	7.65	
Ethylbenzene*	<0.050	0.050	10/19/2022	ND	1.97	98.6	2.00	8.15	
Total Xylenes*	<0.150	0.150	10/19/2022	ND	5.95	99.1	6.00	7.24	
Total BTEX	<0.300	0.300	10/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 69.9-140

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	10/19/2022	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2022	ND	212	106	200	4.67	
DRO >C10-C28*	<10.0	10.0	10/19/2022	ND	238	119	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	10/19/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

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

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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: *New Tech Global Environmental*  
 Project Manager: *Ethan Sessums*  
 Address: *402 E Wood Ave* State: *NM* Zip: *88220*  
 City: *Carrizosa* Fax #: \_\_\_\_\_  
 Phone #: *225658* Project Owner: \_\_\_\_\_  
 Project #: \_\_\_\_\_  
 Project Name: *Pinnacle State Tank Battery #1*  
 Project Location: *Eddy Co NM*  
 Sampler Name: *Sorehan River*  
 P.O. #: *21006027*  
 Company: *Devon Energy*  
 Attn: *Wesley Mackay*  
 Address: *6498 Sun River Hwy*  
 City: *Artesia*  
 State: *NM* Zip: *88210*  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
<i>H3A1884</i>	<i>S-U (5-5.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		<i>BTex</i>
	<i>S-U (6-6.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		<i>TPH</i>
	<i>S-U (7-7.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		<i>Chlorides</i>
	<i>S-U (8-8.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		
	<i>S-U (9-9.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		
	<i>S-S (5-5.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		
	<i>S-S (6-6.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		
	<i>S-S (7-7.5)</i>	<i>6</i>	<i>1</i>	<i>X</i>			<i>10/18</i>		

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Relinquished By: \_\_\_\_\_ Date: *10-18-22*  
 Received By: *Stoddignery* Date: *10-18-22*  
 Time: *1320*  
 Observed Temp. °C: *9.0* Sample Condition:  Cool  Intact  
 Corrected Temp. °C: *9.0*  Yes  No  
 CHECKED BY: *SK* (Initials)  
 Turnaround Time: \_\_\_\_\_  
 Standard  *24hr*  
 Bacteria (only)   Cool  Intact  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

Delivered By: (Circle One) \_\_\_\_\_  
 Sampler - UPS - Bus - Other: \_\_\_\_\_  
 Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)





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

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December 08, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE STATE TANK BATTERY #1

Enclosed are the results of analyses for samples received by the laboratory on 12/06/23 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 1 4.5' (H236540-01)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	64800	16.0	12/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 2 4.5' (H236540-02)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	57600	16.0	12/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 3 4.5' (H236540-03)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	52000	16.0	12/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 4 5' (H236540-04)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	1580	16.0	12/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 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:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 5 5' (H236540-05)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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
<b>Chloride</b>	<b>1440</b>	16.0	12/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 6 5' (H236540-06)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	2160	16.0	12/06/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 64.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 7 5' (H236540-07)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	1220	16.0	12/06/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 95.1 % 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:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 8 5' (H236540-08)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	1170	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 9 5' (H236540-09)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	1040	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 10 5' (H236540-10)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	1090	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 1 0-4.5' (H236540-11)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	11200	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 87.2 % 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:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 2 0-4.5' (H236540-12)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	12200	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 3 0-4.5' (H236540-13)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	17200	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 4 4.5-5' (H236540-14)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	7440	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 93.6 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 5 0-5' (H236540-15)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	20600	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 6 0-5' (H236540-16)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	15600	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 7 0-5' (H236540-17)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	13600	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 8 0-5' (H236540-18)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	16800	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 9 0-5' (H236540-19)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7	
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3	
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0	
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3	
Total BTEX	<0.300	0.300	12/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	17600	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7	
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3	
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/08/2023	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 10 0-5' (H236540-20)**

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	12/06/2023	ND	1.73	86.3	2.00	10.7		
Toluene*	<0.050	0.050	12/06/2023	ND	1.81	90.7	2.00	11.3		
Ethylbenzene*	<0.050	0.050	12/06/2023	ND	1.84	91.8	2.00	11.0		
Total Xylenes*	<0.150	0.150	12/06/2023	ND	5.55	92.6	6.00	11.3		
Total BTEX	<0.300	0.300	12/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	9600	16.0	12/06/2023	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	12/06/2023	ND	225	112	200	23.7		
DRO >C10-C28*	<10.0	10.0	12/06/2023	ND	230	115	200	21.3		
EXT DRO >C28-C36	<10.0	10.0	12/06/2023	ND						

Surrogate: 1-Chlorooctane 95.2 % 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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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager







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April 10, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE STATE #1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/09/24 12:08.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 1A 6' (H241829-01)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	864	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.3 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 2A 6' (H241829-02)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	<b>848</b>	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 3A 6' (H241829-03)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 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	688	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 11 4' (H241829-04)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 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	688	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.6 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 12 4' (H241829-05)**

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	04/09/2024	ND	2.16	108	2.00	1.65		
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76		
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72		
Total BTEX	<0.300	0.300	04/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	624	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29		
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99		
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND						

Surrogate: 1-Chlorooctane 66.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.5 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 13 4' (H241829-06)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	656	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.9 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 14 4' (H241829-07)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 15 4' (H241829-08)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.8 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 16 4' (H241829-09)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 17 4' (H241829-10)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>640</b>	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 18 4' (H241829-11)**

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	04/09/2024	ND	2.16	108	2.00	1.65	
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 19 4' (H241829-12)**

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	04/09/2024	ND	2.16	108	2.00	1.65		
Toluene*	<0.050	0.050	04/09/2024	ND	2.10	105	2.00	1.76		
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	101	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/09/2024	ND	5.92	98.7	6.00	1.72		
Total BTEX	<0.300	0.300	04/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29		
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99		
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND						

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 20 4' (H241829-13)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 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:**

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

Received:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 21 4' (H241829-14)**

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	04/09/2024	ND	2.09	105	2.00	0.337		
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462		
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218		
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155		
Total BTEX	<0.300	0.300	04/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29		
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99		
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 22 4' (H241829-15)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.4 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 23 4' (H241829-16)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 24 4' (H241829-17)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	04/10/2024	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	04/09/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.0 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: CS - 25 4' (H241829-18)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>640</b>	16.0	04/10/2024	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	04/10/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 1A 0-6' (H241829-19)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/10/2024	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	04/10/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.9 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 2A 0-4' (H241829-20)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/10/2024	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	04/10/2024	ND	224	112	200	1.29	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	213	107	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.1 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 3A (H241829-21)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/10/2024	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	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 4A (H241829-22)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/10/2024	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	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 5A (H241829-23)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/10/2024	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	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 59.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.4 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 6A (H241829-24)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/10/2024	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	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 7A (H241829-25)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/10/2024	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	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 69.4 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 8A (H241829-26)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/10/2024	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	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 9A (H241829-27)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	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	80.0	16.0	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 10A (H241829-28)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 11 (H241829-29)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	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
<b>Chloride</b>	<b>5440</b>	16.0	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2024	ND	217	108	200	0.198	
<b>DRO &gt;C10-C28*</b>	<b>5300</b>	10.0	04/10/2024	ND	221	111	200	4.35	
<b>EXT DRO &gt;C28-C36</b>	<b>2020</b>	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 12 (H241829-30)**

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	04/09/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/09/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/09/2024	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
<b>Chloride</b>	<b>4800</b>	16.0	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2024	ND	217	108	200	0.198	
<b>DRO &gt;C10-C28*</b>	<b>1740</b>	10.0	04/10/2024	ND	221	111	200	4.35	
<b>EXT DRO &gt;C28-C36</b>	<b>744</b>	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 13 (H241829-31)**

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	04/10/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/10/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/10/2024	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	64.0	16.0	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 14 (H241829-32)**

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	04/10/2024	ND	2.09	105	2.00	0.337	
Toluene*	<0.050	0.050	04/10/2024	ND	2.09	105	2.00	0.0462	
Ethylbenzene*	<0.050	0.050	04/10/2024	ND	2.03	102	2.00	0.218	
Total Xylenes*	<0.150	0.150	04/10/2024	ND	6.16	103	6.00	0.155	
Total BTEX	<0.300	0.300	04/10/2024	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	64.0	16.0	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/09/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/09/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/09/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 15 (H241829-33)**

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	04/09/2024	ND	2.28	114	2.00	2.17	
Toluene*	<0.050	0.050	04/09/2024	ND	2.29	115	2.00	0.348	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.40	120	2.00	1.64	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	7.23	121	6.00	2.13	
Total BTEX	<0.300	0.300	04/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 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:	04/09/2024	Sampling Date:	04/09/2024
Reported:	04/10/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE #1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO.		

**Sample ID: SW - 16 (H241829-34)**

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	04/09/2024	ND	1.99	99.4	2.00	1.39	
Toluene*	<0.050	0.050	04/09/2024	ND	2.29	114	2.00	6.66	
Ethylbenzene*	<0.050	0.050	04/09/2024	ND	2.42	121	2.00	8.48	
Total Xylenes*	<0.150	0.150	04/09/2024	ND	7.29	122	6.00	9.03	
Total BTEX	<0.300	0.300	04/09/2024	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	48.0	16.0	04/10/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2024	ND	217	108	200	0.198	
DRO >C10-C28*	<10.0	10.0	04/10/2024	ND	221	111	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	04/10/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D 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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> NRE <b>Project Manager:</b> Eileen Sessions <b>Address:</b> 309 W. McKinley Street <b>City:</b> Grants, NM <b>State:</b> NM <b>Zip:</b> 88320 <b>Phone #:</b> 254-266-5456 <b>Fax #:</b> <b>Project #:</b> 225 658 <b>Project Owner:</b> Penn <b>Project Name:</b> Pinnacle State #1 Batherly <b>Project Location:</b> Eddy Co, NM <b>Sampler Name:</b> Kenny Hain		<b>P.O. #:</b> 2100 6037 <b>Company:</b> Penn <b>Attn:</b> Dale Weisall <b>Address:</b> <b>City:</b> <b>State:</b> Zip: <b>Phone #:</b> <b>Fax #:</b>	
<b>FOR LAB USE ONLY</b>		<b>BILL TO</b>	
<b>Lab I.D.</b> H241829		<b>ANALYSIS REQUEST</b>	
<b>Sample I.D.</b> CS-14 CS-2A CS-3A CS-11 CS-12 CS-13 CS-14 CS-15 CS-16 CS-17		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
6' 4' 4' 4' 4' 4' 4' 4' 4' 4'		DATE TIME	
4/9/24 9:00		BIENV T.P.H Chlord	
1 2 3 4 5 6 7 8 9 10		1 1 1 1 1 1 1 1 1 1	
Matrix: SOIL (X) PRESERV: ICE / COOL (checked)		SAMPLING:	
Relinquished By: <i>[Signature]</i> Date: 4/9/24 Time: 13:08		Received By: <i>[Signature]</i> Date: 4/9/24 Time: 13:08	
Delivered By: (Circle One) UPS - Bus - Other:		Observed Temp. °C: 0.3 Corrected Temp. °C:	
Turnaround Time: Standard Rush Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C: Corrected Temp. °C:		CHECKED BY: <i>[Signature]</i> (Initials)	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		REMARKS:	



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <b>NTGE</b> Project Manager: <b>Ethan Sessions</b> Address: <b>209 W. McKay Street</b> City: <b>Crested</b> State: <b>NM</b> Zip: <b>88220</b> Phone #: <b>254-266-5456</b> Fax #: <b></b> Project #: <b>225658</b> Project Owner: <b>Dexon</b> Project Name: <b>Private State # 1 Bakery</b> Project Location: <b>Eddy Co, NM</b> Sampler Name: <b>Kenny Keene</b>		<b>BILL TO</b> P.O. #: <b>21006027</b> Company: <b>Dexon</b> Attn: <b>Deke Woodall</b> Address: <b></b> City: <b></b> State: <b></b> Zip: <b></b> Phone #: <b></b> Fax #: <b></b>	
FOR LAB USE ONLY Lab I.D. <b>A241829</b> Sample I.D. <b></b>		MATRIX (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <b>1</b> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>	
PLEASE NOTE: Liability and Damages. Customer'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 analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors. Being out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated causes of actions.		PRESERV. <input checked="" type="checkbox"/> SAMPLING <input type="checkbox"/>	
Relinquished By: <i>[Signature]</i> Date: <b>4/9/24</b> Time: <b>1308</b>		Received By: <i>[Signature]</i> Date: <b>4/9/24</b> Time: <b>9:20</b>	
Relinquished By: <i>[Signature]</i> Date: <b></b> Time: <b></b>		Received By: <i>[Signature]</i> Date: <b></b> Time: <b></b>	
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: <b></b> Observed Temp. °C <b>0.3</b> Corrected Temp. °C <b></b> Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: <i>[Signature]</i> Turnaround Time: <b>Standard</b> <input type="checkbox"/> <b>Rush</b> <input checked="" type="checkbox"/> Thermometer ID #140 <b>2412</b> Bacteria (only) <input type="checkbox"/> Correction Factor 0°C <input type="checkbox"/> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Sample Condition: Observed Temp. °C <b></b> Corrected Temp. °C <b></b>	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <b></b> All Results are emailed. Please provide Email address: <b></b>		REMARKS: <b>BTEX</b> <b>TPH</b> <b>Chloride</b>	

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

<b>Company Name:</b> NTGE <b>Project Manager:</b> Ethon Jessoms <b>Address:</b> 209 W. Mickey Street City: Curkbad State: NM Zip: 88300 <b>Phone #:</b> 254-266-5456 <b>Fax #:</b> <b>Project #:</b> 225 658 <b>Project Owner:</b> Devon <b>Project Name:</b> Pinnacle State # 1 Bulky <b>Project Location:</b> Eddy Co, NM <b>Sampler Name:</b> Kenny Hurd FOR LAB USE ONLY		<b>BILL TO</b> <b>P.O. #:</b> 21006027 <b>Company:</b> Devon <b>Attn:</b> Pule Verdall <b>Address:</b> <b>City:</b> <b>State:</b> Zip: <b>Phone #:</b> <b>Fax #:</b>	
<b>Lab I.D.</b> H411829 SW-3A SW-4A SW-5A SW-6A SW-7A SW-8A SW-9A SW-10A SW-11 SW-12		<b>Sample I.D.</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
Date: 4/9/24 Time: 1308 Relinquished By: [Signature] Received By: [Signature]		<b>DATE</b> 4/9/24 <b>TIME</b> 9:40 BTEx TPH Chlordane	
<b>Delivered By:</b> (Circle One) UPS - Bus - Other:		<b>Observed Temp. °C</b> Corrected Temp. °C Sample Condition: Cool Intact Yes No Yes No	
Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor 0°C Bacteria (only) Sample Condition: Cool Intact Yes No Yes No Corrected Temp. °C		CHECKED BY: (Initials) [Signature] All Results are emailed. Please provide Email address: REMARKS:	

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>MTG E</u> Project Manager: <u>Ethan Sessions</u> Address: <u>Box 10 McKay Street</u> City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>85320</u> Phone #: <u>254-366-5456</u> Fax #: _____ Project #: <u>225658</u> Project Owner: <u>Devon</u> Project Name: <u>Private State # 1 Partly</u> Project Location: <u>Fordy Co, NM</u> Sampler Name: <u>Kenny Hays</u>		P.O. #: <u>21006027</u> Company: <u>Devon</u> Attn: <u>Pete Wendall</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <u>H241829</u> Sample I.D. <u>SW-13</u> <u>SW-14</u> <u>SW-15</u> <u>SW-16</u>		(G)RAB OR (C)OMP. <u>C</u> # CONTAINERS <u>1</u> MATRIX: <u>X</u> SOIL OIL SLUDGE OTHER: _____ ACID/BASE: _____ ICE / COOL: <input checked="" type="checkbox"/> OTHER: _____	
Date: <u>4/9/24</u> Time: <u>1205</u> Relinquished By: <u>[Signature]</u>		Received By: <u>[Signature]</u> Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Observed Temp. °C <u>0.3</u> Corrected Temp. °C _____ Sample Condition: <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>[Signature]</u>	
Turnaround Time: <u>Standard</u> <input type="checkbox"/> <u>Rush</u> <input checked="" type="checkbox"/> Thermometer ID #140 <u>24 hr</u> Correction Factor 0°C <input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____	
REMARKS: _____ Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____			

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



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May 13, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: PINNACLE STATE TANK BATTERY #1

Enclosed are the results of analyses for samples received by the laboratory on 05/07/24 14:20.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: V - 1 5 (H242467-01)**

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	05/08/2024	ND	2.18	109	2.00	3.48	
Toluene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	4.68	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	113	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.79	113	6.00	6.73	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	05/09/2024	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	05/08/2024	ND	200	99.9	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	205	102	200	0.402	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: V - 1 6 (H242467-02)**

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	05/08/2024	ND	2.18	109	2.00	3.48	
Toluene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	4.68	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	113	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.79	113	6.00	6.73	
Total BTEX	<0.300	0.300	05/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	16.0	16.0	05/09/2024	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	05/08/2024	ND	200	99.9	200	1.05	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	205	102	200	0.402	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: V - 2 1 (H242467-03)**

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	05/08/2024	ND	2.18	109	2.00	3.48	
Toluene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	4.68	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	113	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.79	113	6.00	6.73	
Total BTEX	<0.300	0.300	05/08/2024	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	16.0	16.0	05/09/2024	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	05/08/2024	ND	191	95.3	200	3.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	197	98.6	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 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:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: V - 2 2 (H242467-04)**

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	05/08/2024	ND	2.18	109	2.00	3.48		
Toluene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	4.68		
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	113	2.00	6.01		
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.79	113	6.00	6.73		
Total BTEX	<0.300	0.300	05/08/2024	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	<16.0	16.0	05/08/2024	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	05/08/2024	ND	191	95.3	200	3.52		
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	197	98.6	200	2.53		
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: V - 2 3 (H242467-05)**

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	05/08/2024	ND	2.18	109	2.00	3.48	
Toluene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	4.68	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	113	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.79	113	6.00	6.73	
Total BTEX	<0.300	0.300	05/08/2024	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	<16.0	16.0	05/08/2024	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	05/08/2024	ND	191	95.3	200	3.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	197	98.6	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 118 % 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:**

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

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: V - 2 4 (H242467-06)**

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	05/08/2024	ND	2.18	109	2.00	3.48	
Toluene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	4.68	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	113	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.79	113	6.00	6.73	
Total BTEX	<0.300	0.300	05/08/2024	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	<16.0	16.0	05/08/2024	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	05/08/2024	ND	191	95.3	200	3.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	197	98.6	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/07/2024	Sampling Date:	05/06/2024
Reported:	05/13/2024	Sampling Type:	Soil
Project Name:	PINNACLE STATE TANK BATTERY #1	Sampling Condition:	Cool & Intact
Project Number:	225658	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO.		

**Sample ID: V - 2 5 (H242467-07)**

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	05/08/2024	ND	2.18	109	2.00	3.48	
Toluene*	<0.050	0.050	05/08/2024	ND	2.19	110	2.00	4.68	
Ethylbenzene*	<0.050	0.050	05/08/2024	ND	2.25	113	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/08/2024	ND	6.79	113	6.00	6.73	
Total BTEX	<0.300	0.300	05/08/2024	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	<16.0	16.0	05/08/2024	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	05/08/2024	ND	191	95.3	200	3.52	
DRO >C10-C28*	<10.0	10.0	05/08/2024	ND	197	98.6	200	2.53	
EXT DRO >C28-C36	<10.0	10.0	05/08/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 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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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 242407-1

Page 1 of 1

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:	essesums@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:	Pinnacle State Tank Battery #1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	225658	Due Date:			
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kenny Han	Temp Blank:	Yes No	Wet Ice:	Yes No
PO #:	21006027	Received Intact:	Yes No	Thermometer ID:	
<b>SAMPLE RECEIPT</b>		Cooler Custody Seals:	Yes No N/A	Correction Factor:	
		Sample Custody Seals:	Yes No N/A	Temperature Reading:	6.8
		Total Containers:	7	Corrected Temperature:	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes
V-1	5	5/6/2024	2:45	X		Grab	1	BTEX 8021B	HOLD
V-1	6	5/6/2024	2:48	X		Grab	1	TPH 8015M ( GRO + DRO + MRO)	
V-2	1	5/6/2024	2:51	X		Grab	1	Chloride 4500	
V-2	2	5/6/2024	2:54	X		Grab	1		
V-2	3	5/6/2024	2:57	X		Grab	1		
V-2	4	5/6/2024	3:00	X		Grab	1		
V-2	5	5/6/2024	3:03	X		Grab	1		

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5/17/24 1420			

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**Santa Fe, NM 87505**

QUESTIONS

Action 355832

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355832
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2205954078
Incident Name	NAPP2205954078 PINNACLE ST. BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	PINNACLE ST. BATTERY
Date Release Discovered	02/14/2022
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: Other   Other (Specify)   Produced Water   Released: 3 BBL   Recovered: 0 BBL   Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 355832

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355832
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
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	False
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	Spill was not in containment. Went off pad into pasture.

*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@dnv.com Date: 06/19/2024
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QUESTIONS, Page 3

Action 355832

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355832
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 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	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	64800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7320
GRO+DRO (EPA SW-846 Method 8015M)	5300
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	11/20/2023
On what date will (or did) the final sampling or liner inspection occur	05/06/2024
On what date will (or was) the remediation complete(d)	05/06/2024
What is the estimated surface area (in square feet) that will be reclaimed	3484
What is the estimated volume (in cubic yards) that will be reclaimed	1080
What is the estimated surface area (in square feet) that will be remediated	1622
What is the estimated volume (in cubic yards) that will be remediated	240

*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 355832

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	355832
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 06/19/2024
--	--

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

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QUESTIONS, Page 5

Action 355832

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355832
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

**Deferral Requests Only**

*Only answer the questions in this group if seeking a deferral upon approval this submission. Each 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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	The area is next to the tank batteries and directly under flowlines
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	1000
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	148
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (##) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-015-27050 PINNACLE STATE #001
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 06/19/2024

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QUESTIONS, Page 6

Action 355832

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355832
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>330321</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>04/09/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>13</b>
What was the sampling surface area in square feet	<b>850</b>

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	<b>No</b>
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CONDITIONS

Action 355832

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355832
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	Devon's deferral requests final remediation for (Incident Number NAPP2205954078) until final reclamation of the well pad or major construction, whichever comes first. NTG Environmental and Devon do not believe deferral will result in imminent risk to human health, the environment, or groundwater. The areas requested for deferral are adjacent to the onsite tank battery, which include sample areas (SW-11 and SW-12). At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	6/28/2024