

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

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

Incident ID	NAPP2303348121
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party XTO Energy	OGRID 5380
Contact Name Garrett Green	Contact Telephone 575-200-0729
Contact email garrett.green@exxonmobil.com	Incident # (assigned by OCD)
Contact mailing address 3104 E. Greene Street, Carlsbad, New Mexico, 88220	

### Location of Release Source

Latitude 32.30648 Longitude -103.92818  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Nash 42 Tank Battery	Site Type Tank Battery
Date Release Discovered 1/27/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
E	18	23S	30E	Eddy

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 checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 10.27	Volume Recovered (bbls) 3.00
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input checked="" 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 A pump seal failed, allowing fluids to release to pad. A vacuum truck recovered all standing fluids. A third-party contractor has been retained for remediation purposes.

State of New Mexico  
 Oil Conservation Division

Incident ID	NAPP2303348121
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 checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? N/A
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? N/A	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" 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: NA	
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: <u>Garrett Green</u>	Title: <u>SSHE Coordinator</u>
Signature: <u></u>	Date: <u>1/31/2023</u>
email: <u>garrett.green@exxonmobil.com</u>	Telephone: <u>575-200-0729</u>
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>02/03/2023</u>

<b>Location:</b>	<b>Nash 42 Tank Battery</b>	
<b>Spill Date:</b>	<b>1/27/2023</b>	
<b>Area 1</b>		
Approximate Area =	8159.00	sq. ft.
Average Saturation (or depth) of spill =	2.00	inches
Average Porosity Factor =	0.03	
<b>VOLUME OF LEAK</b>		
Total Crude Oil =	0.00	bbbls
Total Produced Water =	10.27	bbbls
<b>TOTAL VOLUME OF LEAK</b>		
Total Crude Oil =	0.00	bbbls
Total Produced Water =	10.27	bbbls
<b>TOTAL VOLUME RECOVERED</b>		
Total Crude Oil =	0.00	bbbls
Total Produced Water =	3.00	bbbls

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

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

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

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

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

CONDITIONS

Action 182097

**CONDITIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 182097
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	2/3/2023



701 Tradewinds Blvd Suite C  
Midland, Texas 79706  
www.ntglobalenviormental.com

July 11, 2023

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

Re: Proposal – XTO Energy, Nash 42 Battery  
nAPP2302545515/nAPP2303348121  
Unit M, Section 18, Township 23S, Range 30E  
Site Coordinates: 32.306531, -103.928012  
Eddy County, New Mexico (State Lands)

Mr. Bratcher:

NTG Environmental, LLC (NTG Environmental) is pleased to provide this proposal to conduct remedial action activities on behalf of XTO Energy (XTO) at the Nash 42 Battery release location in Eddy County, New Mexico (Figures 1 and 2).

### **Scope of Work**

- *Site Walkthrough verifying lines in the area prior to conducting remedial action activities.*
- *Hydrovac all lines in the area with associated pipeline representatives on location during daylight and excavation around the lines – Estimated at 1 day.*
- *Excavate impacted soil install geotechnical liner and transport soils to a permitted disposal facility – Estimated at 12 days. (est. 1,441 Cubic Yards)*

### ***Site Characterization***

- *- No Water features within specified radius (NWIS/NWI /USGS) of 1/2-mile*
- *-High Karst*
- *-NMSEO Groundwater is 28' below surface, 0.24 miles Northwest of the site, 2022 drilled, Section 13*
- *-USGS Groundwater is 100' below surface, 1.35 miles Southwest of the site, 1983 drilled, Section 24*

### ***Remediation***

NTG Environmental proposes to remediate the release area at the Nash 42 Battery (Site) to satisfy the first 4 foot (ft) below ground surface (bgs.) and install a 20mil polyethylene liner at XTO's request to prevent any further migration of impacts. It is estimated that 1,411 cubic yards (CY) of impacted material be removed in and disposed of, notwithstanding safety precautions such as stepping and sloping the area thus bringing the total amount of excavated material to around 1,800 CY. The proposed excavation areas and depths are shown on Figure 3.

Confirmation samples will be collected following the excavation activities to ensure the removal of impacted soil above the regulatory limits for total petroleum hydrocarbons, benzene, toluene,

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**Creating a Better Environment  
For Oil & Gas Operations**

Mr. Mike Bratcher  
May 15, 2023  
Page 2 of 2

ethylbenzene, and xylenes (BTEX), and chlorides. The regulatory limits are established in NMAC 19.15.29 Table 1 based on the Site Characterization information attached.

- TPH (GRO + DRO + MRO): 100 mg/kg
- BTEX: 50 mg/kg
- Benzene: 10 mg/kg
- Chlorides: 600 mg/kg

The number of confirmation samples is subject to change based on the final excavation extent. Samples will be collected based on the (200) square foot rule put in place by the NMOCD.

### ***Sample Handling and Analysis***

All samples will be collected and handled with nitrile gloves and placed directly into laboratory-provided sample containers, stored on ice, and transported under proper chain-of-custody protocol to an accredited laboratory for chemical analysis. Samples will be analyzed for one or more of the following constituents of concern (COC):

- Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX): method 8021B
- TPH (GRO + DRO + MRO): method 8015M
- Chloride: method 4500

Upon receipt of final confirmation samples indicating all impacted soils have been successfully removed, a final closure report will be prepared documenting remedial action and confirmation sampling activities for filing with the NMOCD.

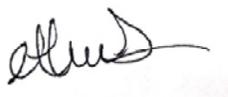
### ***Assumptions***

The project is estimated to be completed within 12 field days. No allowance for mechanical breakdowns, malfunctioning equipment, or inclement weather delays are included in the cost estimate. The laboratory, disposal, and NTGE's consulting costs will be invoiced directly to XTO and are not included herein.

### **Closing**

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

Sincerely,  
NTG Environmental



Ethan Sessums  
Project Manager

Attachments: Table  
Figures  
Site Characterization Information  
Photographic Log

## Table

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**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Nash 42 Battery**  
**XTO Energy**  
**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 C-10)	DRO (C10 C28)	GRO + DRO (mg/kg)	MRO (C28 C35)	Total GRO/DRO/MRO (mg/kg)	
								10 mg/kg	---	---	---	100 mg/kg	
<b>Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC</b>													
<b>Delineation Samples</b>													
S-1	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1420	1420	487	1907	12400
S-1	3/30/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	109	109	16.1	125.1	3840
S-1	3/30/2023	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600
S-1	3/30/2023	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1580
S-1	3/30/2023	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1780
S-1	3/30/2023	(5-5.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
S-2	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6160
S-2	3/30/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4160
S-2	3/30/2023	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
S-2	3/30/2023	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
S-2	3/30/2023	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2520
S-2	3/30/2023	(5-5.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2800
S-3	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	43.6	43.6	<10.0	43.6	3400
S-3	3/30/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.3	10.3	<10.0	10.3	1000
S-3	3/30/2023	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1250
S-3	3/30/2023	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1150
S-3	3/30/2023	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1470
S-3	3/30/2023	(5-5.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1520
TP-1	5/4/2023	(6')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1250
TP-1	5/4/2023	(7')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1150
TP-1	5/4/2023	(8')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1060
TP-1	5/4/2023	(9')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
TP-1	5/4/2023	(10')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.7	14.7	<10.0	14.7	960
TP-2	5/4/2023	(6')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
TP-2	5/4/2023	(7')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1090
TP-2	5/4/2023	(8')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1070
TP-2	5/4/2023	(9')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
TP-2	5/4/2023	(10')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
TP-3	5/4/2023	(6')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
TP-3	5/4/2023	(7')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
TP-3	5/4/2023	(8')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
TP-3	5/4/2023	(9')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
TP-3	5/4/2023	(10')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
H-1	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
H-2	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1820	1820	1670	3490	4960
H-2A	5/4/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
H-3	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	49.4	49.4	36.6	86	8080
H-3A	5/4/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
H-4	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	17.6	17.6	7600

**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Nash 42 Battery**  
**XTO Energy**  
**Eddy County, New Mexico**

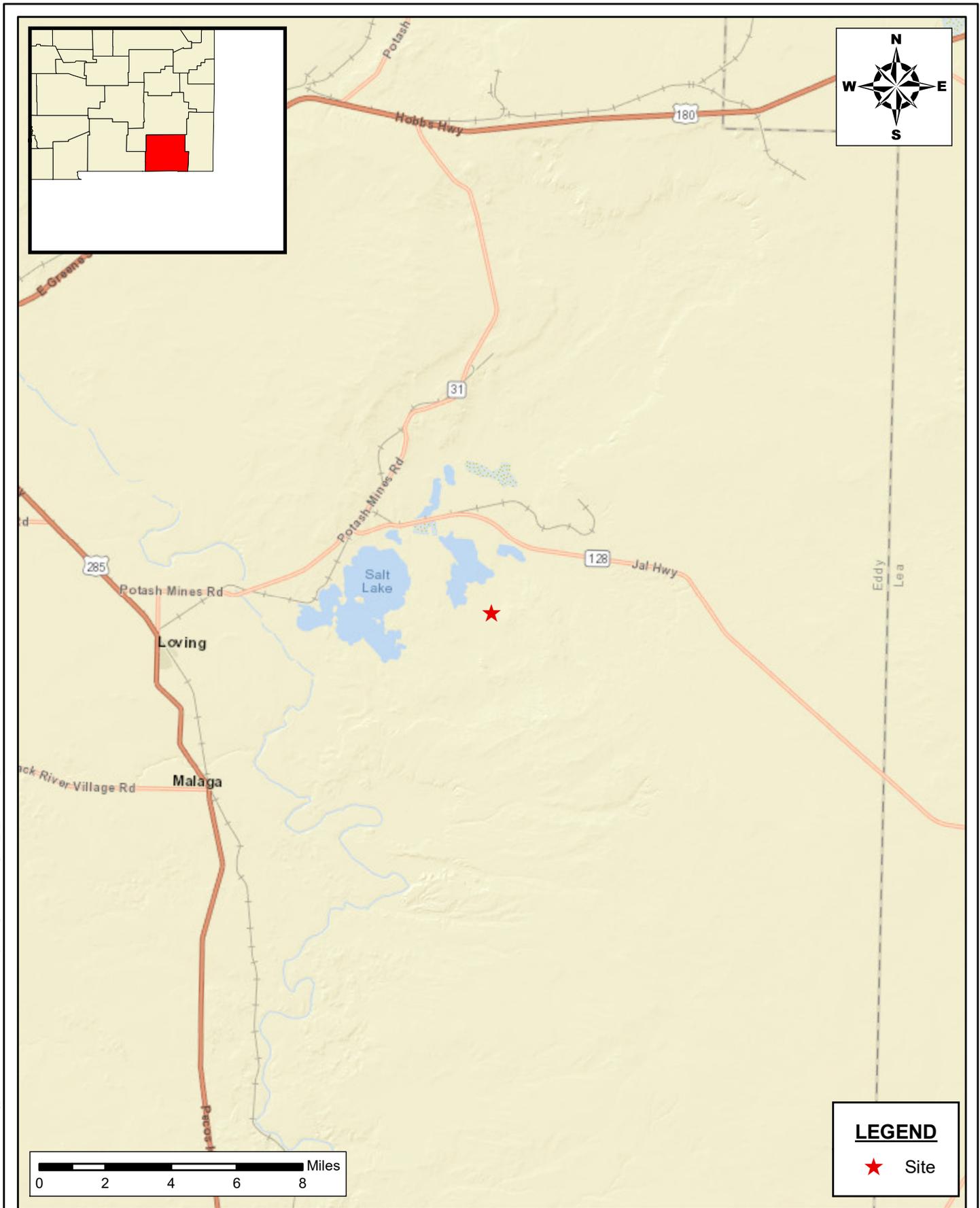
Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6 C-10)	DRO (C10 C28)	GRO + DRO (mg/kg)	MRO (C28 C35)	Total GRO/DRO/MRO (mg/kg)	
								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
<b>Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC</b>													
			<b>10 mg/kg</b>	---	---	---	<b>50 mg/kg</b>	---	---	---	---	<b>100 mg/kg</b>	<b>600 mg/kg</b>
H-4A	5/4/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>240</b>
H-5	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>11600</b>
H-5A	5/4/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>160</b>
H-6	3/30/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>240</b>	<b>240</b>	<b>182</b>	<b>422</b>	<b>1800</b>

- 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

 Sample Point Excavated

## Figures

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**LEGEND**

★ Site

**Area Location Map**  
 XTO Energy  
 Nash 42 Battery  
 Eddy County, New Mexico  
 32.30657, -103.92860

SCALE: As Shown    DATE: 4/12/2023    PROJECT #: 237197

 **NTG**  
 ENVIRONMENTAL

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

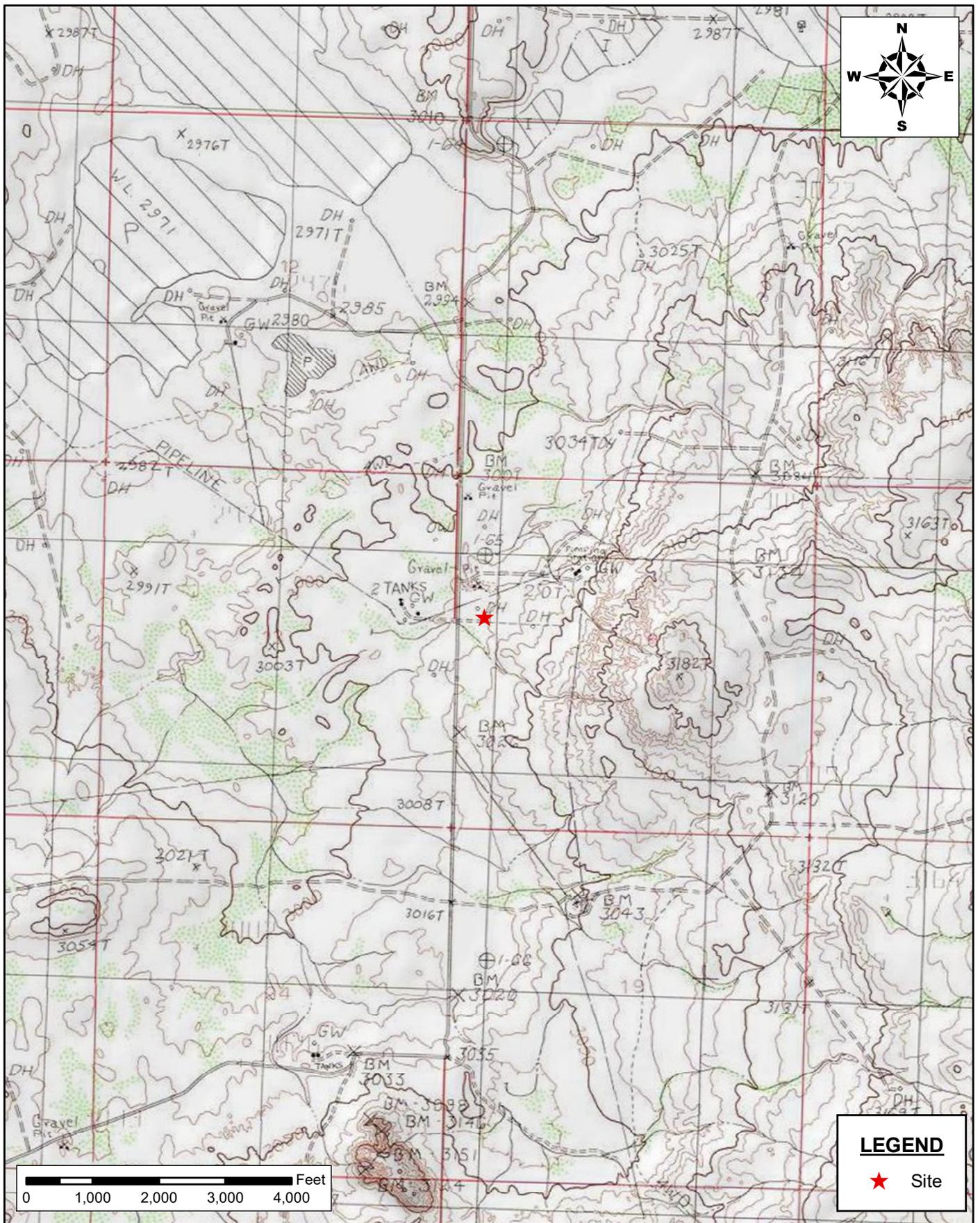
**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:  
**FIGURE 1**

SHEET NUMBER:  
**1 of 1**

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**LEGEND**

★ Site

**Topographic Map**  
 XTO Energy  
 Nash 42 Battery  
 Eddy County, New Mexico  
 32.30657, -103.92860

SCALE: As Shown    DATE: 4/12/2023    PROJECT #: 237197

**NTG**  
 ENVIRONMENTAL

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

**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:  
**FIGURE 2**

SHEET NUMBER:  
**1 of 1**

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<b>SITE MAP</b> XTO Energy Nash 42 Battery Eddy County, New Mexico 32.30657, -103.92860		
SCALE: As Shown	DATE: 4/12/2023	PROJECT #: 237197

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

**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
<b>FIGURE 3</b>
SHEET NUMBER:
<b>1 of 1</b>

## Site Characterization Information

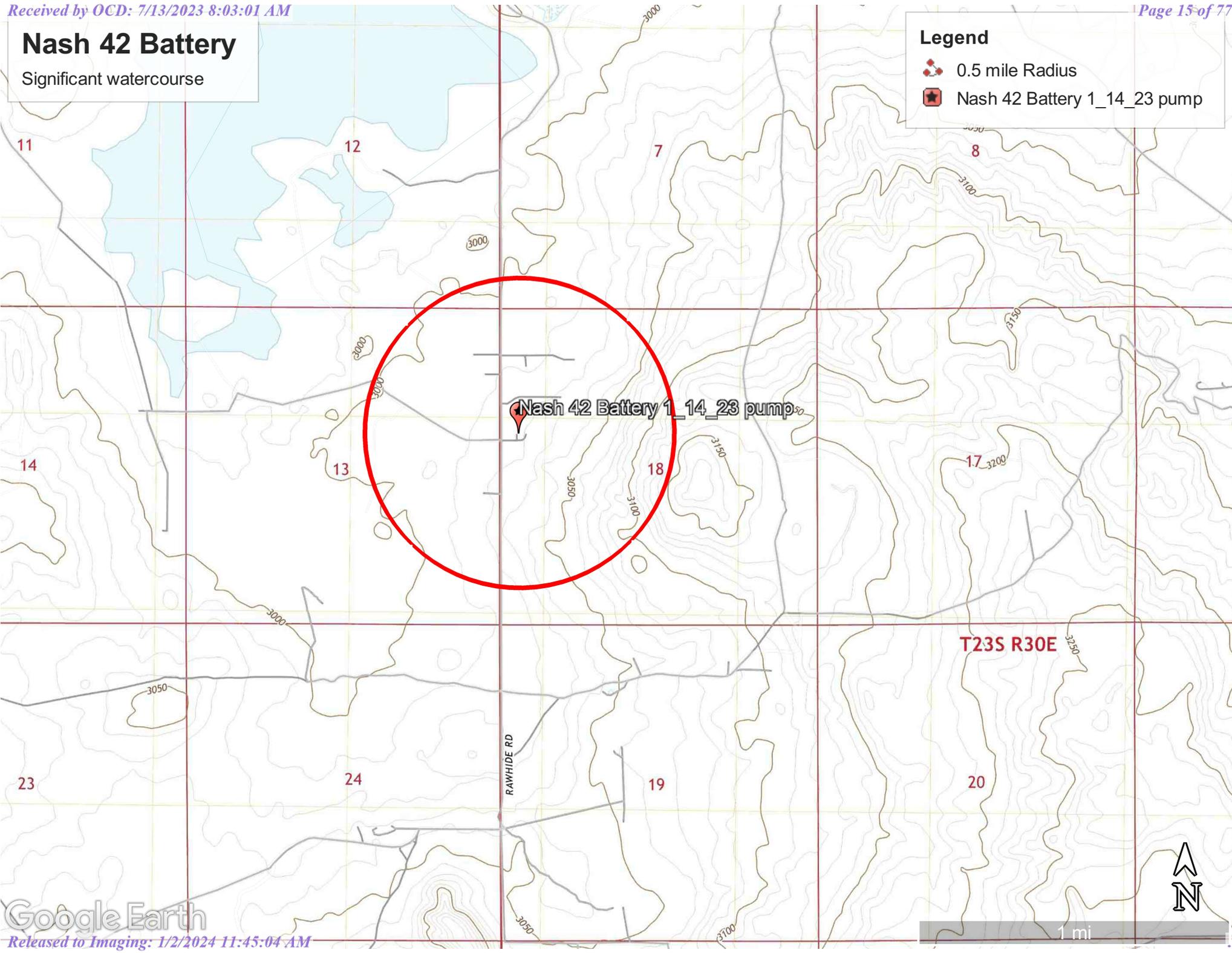
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# Nash 42 Battery

Significant watercourse

**Legend**

-  0.5 mile Radius
-  Nash 42 Battery 1\_14\_23 pump

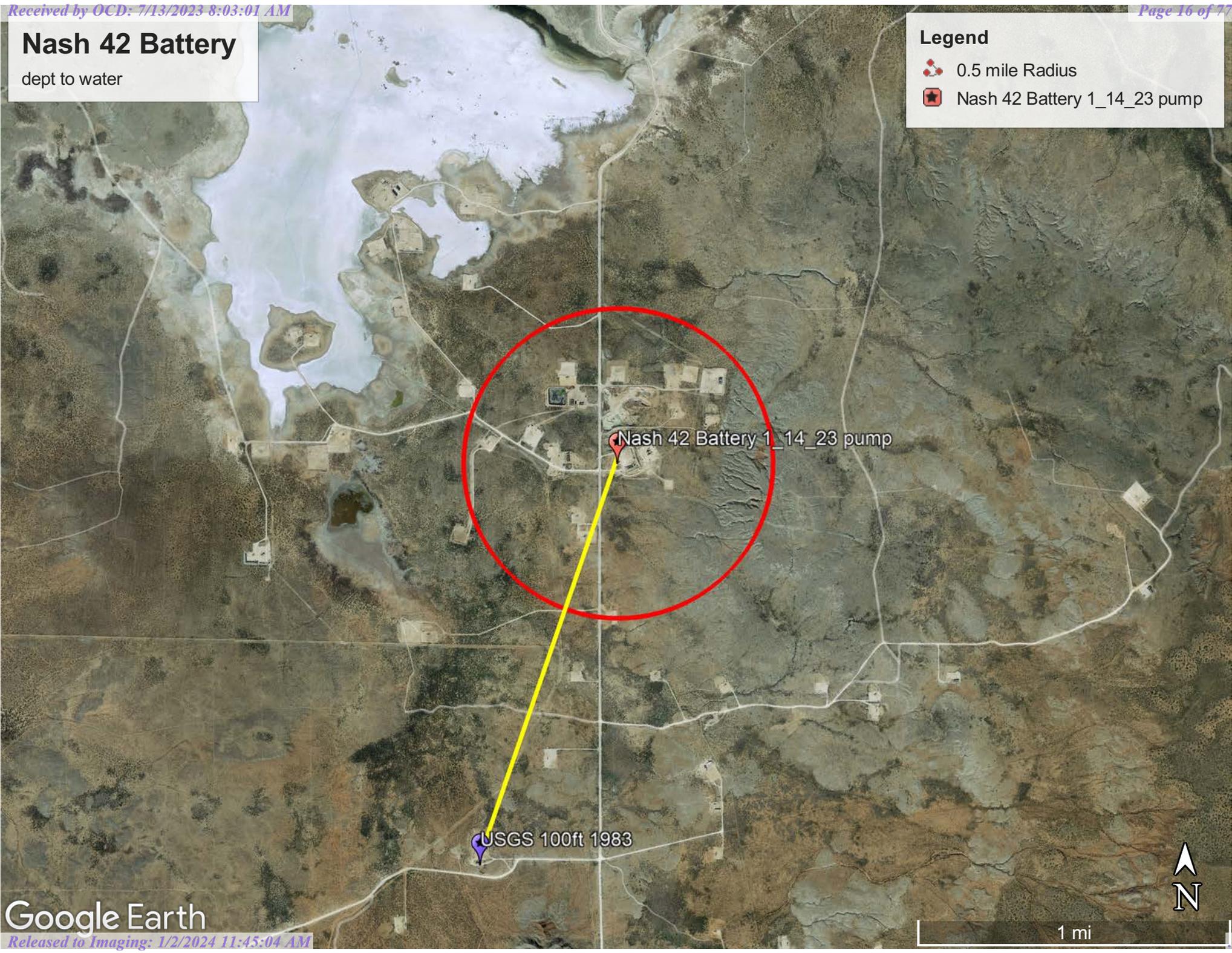


# Nash 42 Battery

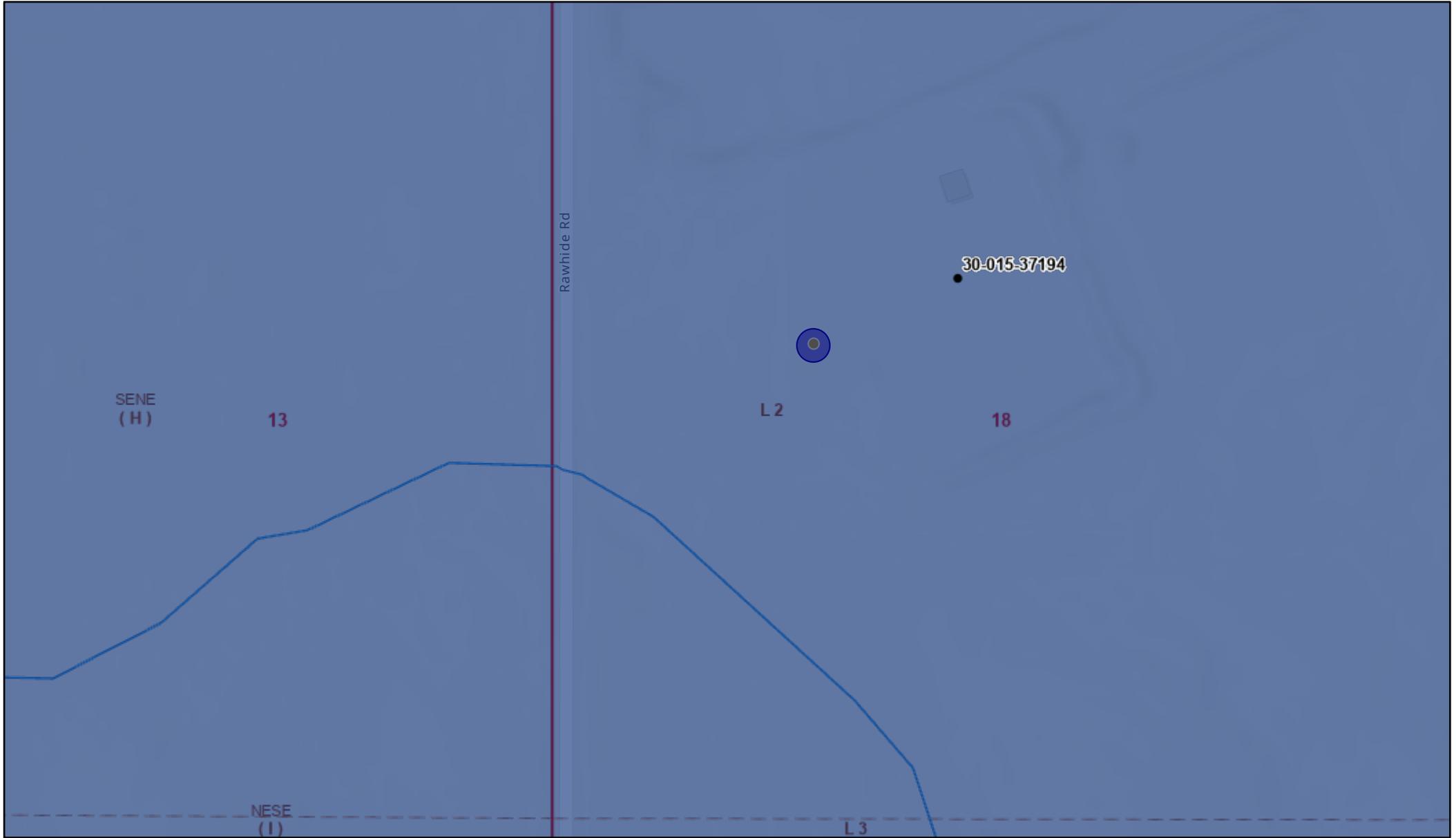
dept to water

**Legend**

-  0.5 mile Radius
-  Nash 42 Battery 1\_14\_23 pump

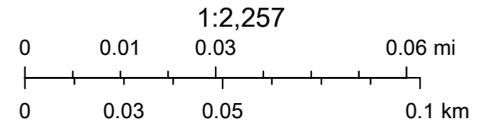


# OCD Well Locations



3/21/2023, 9:44:35 AM

- |  |                     |  |                          |  |                            |
|--|---------------------|--|--------------------------|--|----------------------------|
|  | Override 1          |  | Changed Location of Well |  | Karst Occurrence Potential |
|  | Wells - Large Scale |  | Active                   |  | Capped                     |
|  | Oil, Active         |  | Inactive                 |  | Plugged                    |
|  | Pending             |  | Unknown                  |  | OSE Streams                |
|  |                     |  |                          |  | PLSS Second Division       |

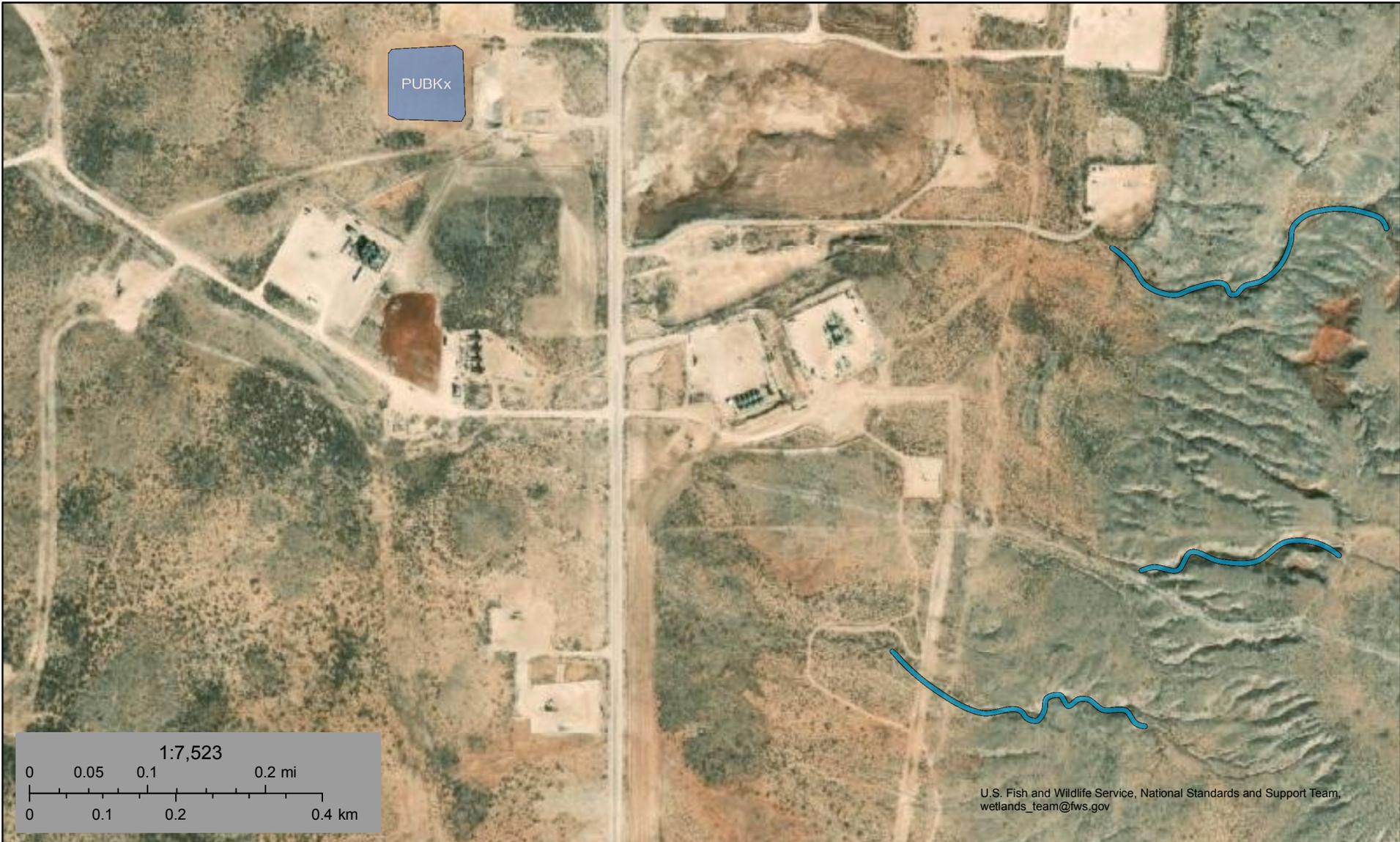


BLM, OCD, New Mexico Tech, OSE GIS, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, SafeGraph,

Released to Imaging: 1/2/2024 11:45:04 AM

U.S. Fish and Wildlife Service  
**National Wetlands Inventory**

wetland



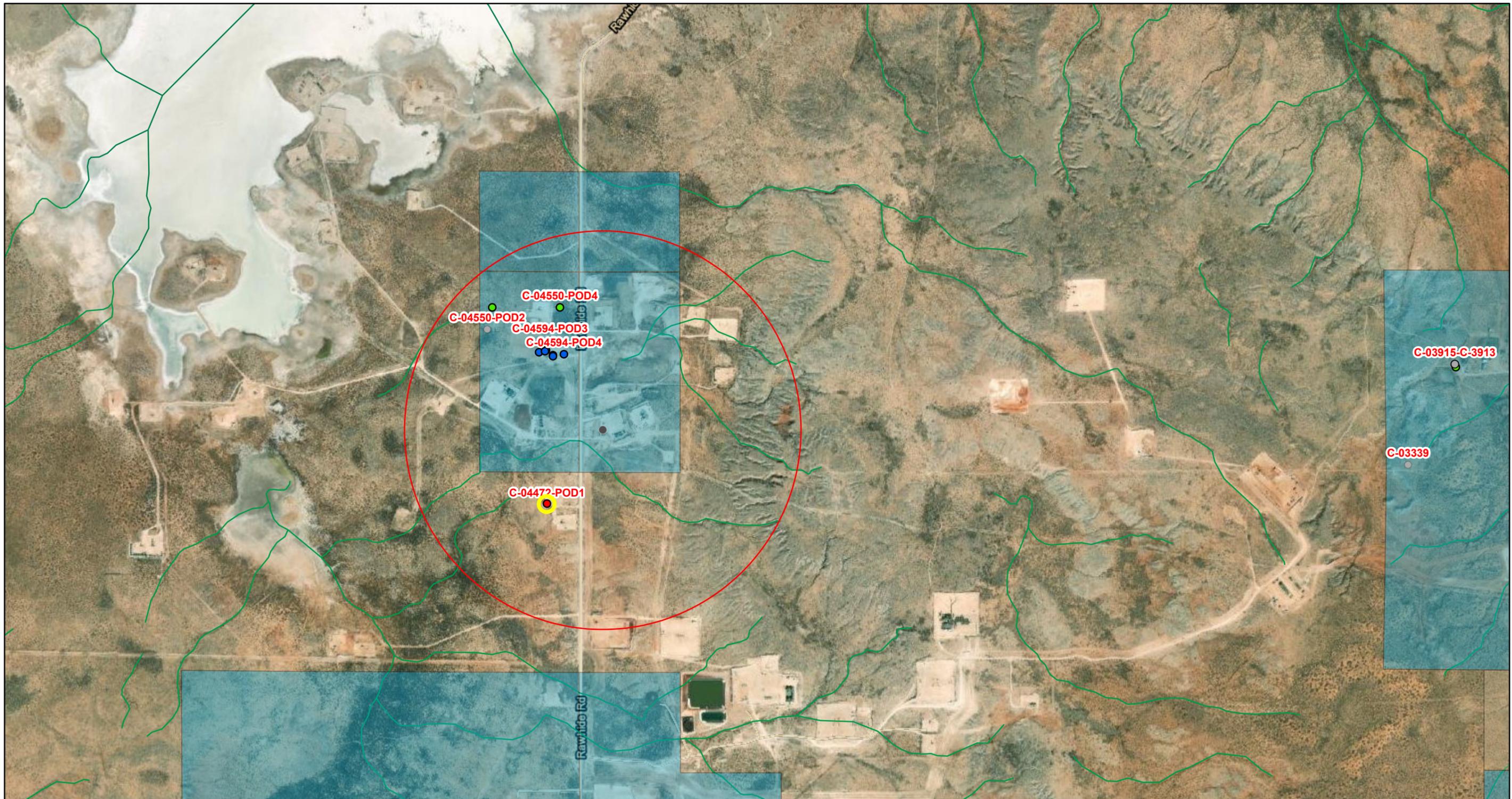
March 21, 2023

**Wetlands**

- |  |   |  |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Emergent Wetland       |  Lake     |
|  Estuarine and Marine Wetland   |  Freshwater Forested/Shrub Wetland |  Other    |
|  |  Freshwater Pond                   |  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.

# OSE POD Locations Map



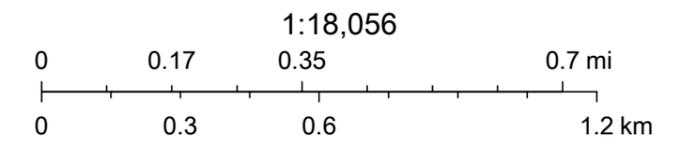
3/21/2023, 10:09:11 AM

GIS WATERS PODs

- Active
- Pending
- Plugged

- OSE District Boundary
- New Mexico State Trust Lands
- Subsurface Estate

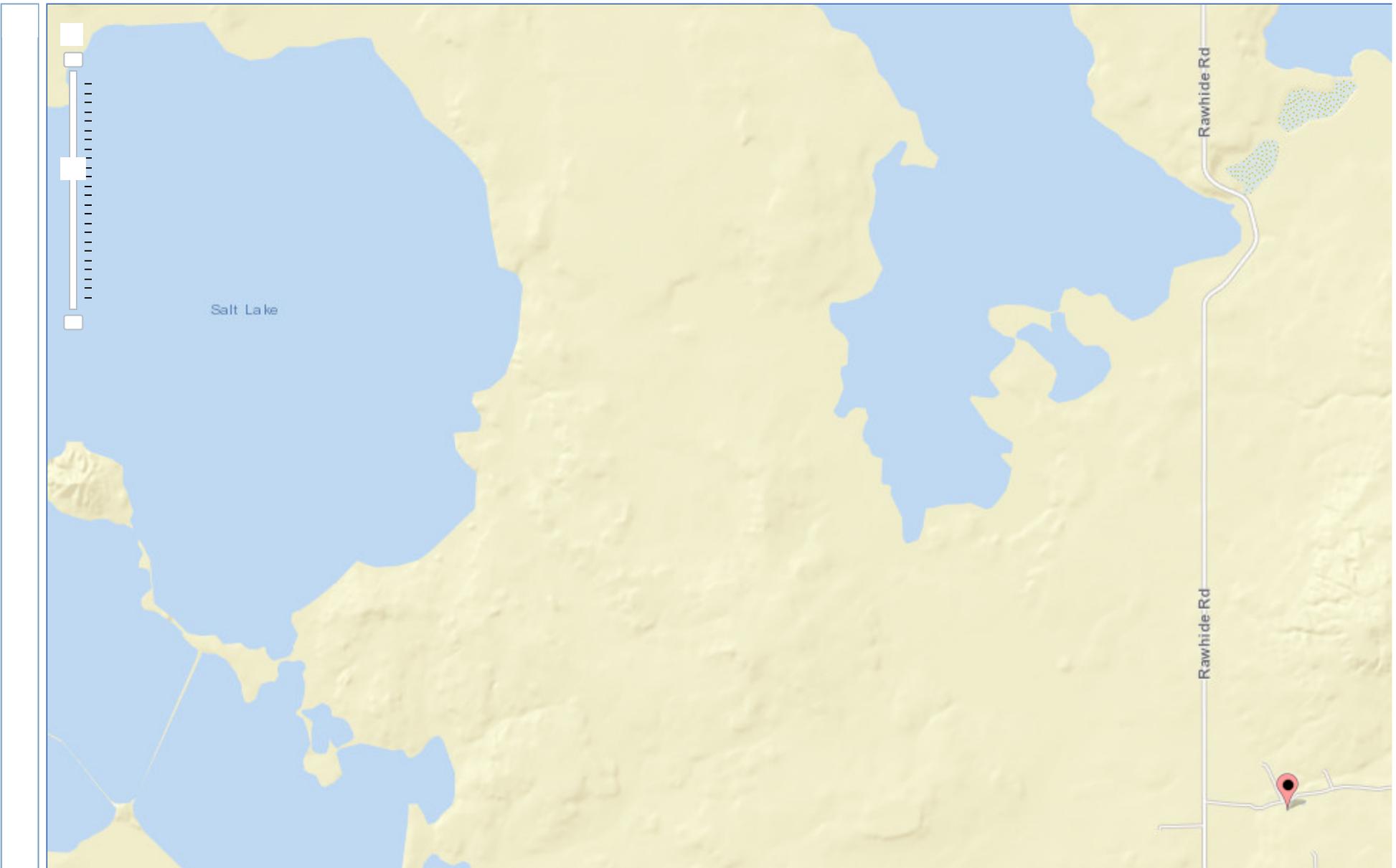
- Both Estates
- NHD Flowlines
- Counties
- Artificial Path
- Site Boundaries
- Connector



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



### National Water Information System: Mapper



# National Flood Hazard Layer FIRMette



103°56'2"W 32°18'39"N



## Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/21/2023 at 11:02 AM 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.

**PHOTOGRAPHIC LOG**

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# PHOTOGRAPHIC LOG

## XTO Energy

### Photograph No. 1

**Facility:** Nash 42 Battery

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.

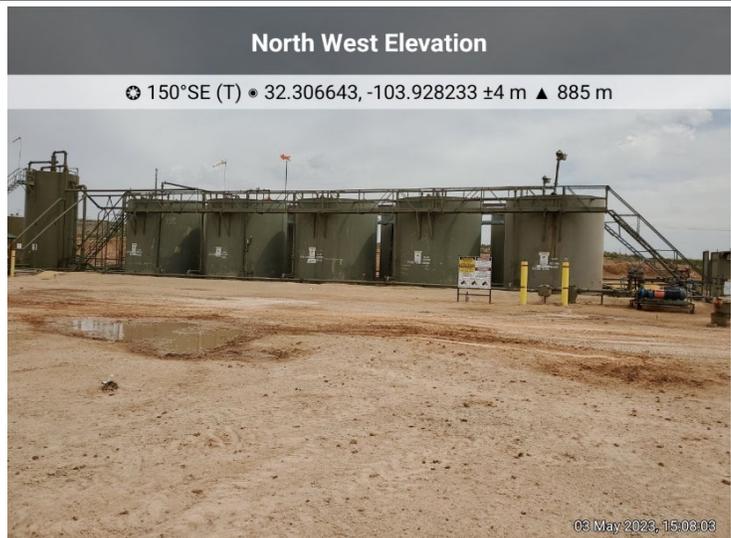


### Photograph No. 2

**Facility:** Nash 42 Battery

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.

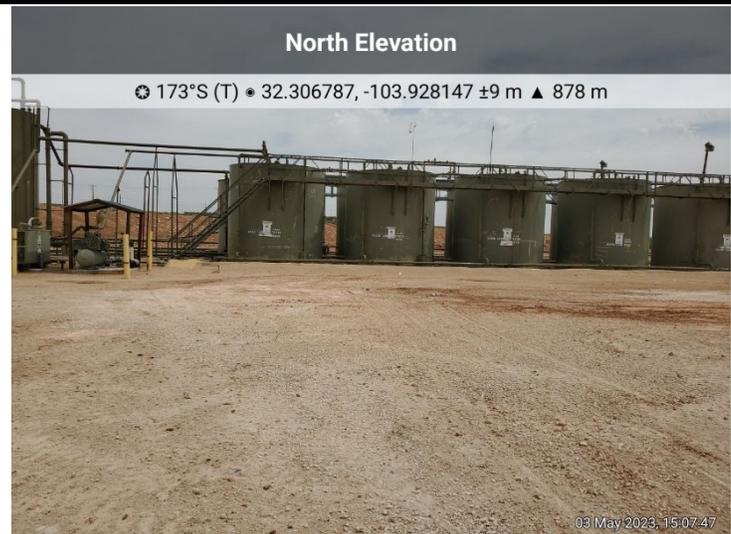


### Photograph No. 3

**Facility:** Nash 42 Battery

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.



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



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

---

April 11, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NASH 42 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/05/23 12:45.

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.

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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 1 (0-0.5') (H231584-01)**

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	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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
<b>Chloride</b>	<b>12400</b>	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09	
<b>DRO &gt;C10-C28*</b>	<b>1420</b>	10.0	04/06/2023	ND	173	86.7	200	0.330	
<b>EXT DRO &gt;C28-C36</b>	<b>487</b>	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 1 (1-1.5') (H231584-02)**

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	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3840	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	109	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	16.1	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 1 (2-2.5') (H231584-03)**

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	04/06/2023	ND	2.02	101	2.00	4.21		
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11		
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41		
Total BTEX	<0.300	0.300	04/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	04/06/2023	ND	432	108	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	04/06/2023	ND	177	88.3	200	1.09		
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330		
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND						

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 1 (3-3.5') (H231584-04)**

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	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 1 (4-4.5') (H231584-05)**

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	04/06/2023	ND	2.02	101	2.00	4.21		
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11		
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41		
Total BTEX	<0.300	0.300	04/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1780	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09		
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330		
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND						

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 1 (5-5.5') (H231584-06)**

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	04/06/2023	ND	2.02	101	2.00	4.21		
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11		
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41		
Total BTEX	<0.300	0.300	04/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09		
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330		
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND						

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 2 (0-0.5') (H231584-07)**

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	04/06/2023	ND	2.02	101	2.00	4.21		
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11		
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41		
Total BTEX	<0.300	0.300	04/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6160	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09		
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330		
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND						

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 2 (1-1.5') (H231584-08)**

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	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4160</b>	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 2 (2-2.5') (H231584-09)**

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	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 2 (3-3.5') (H231584-10)**

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	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	04/06/2023	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	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 2 (4-4.5') (H231584-11)**

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	04/06/2023	ND	2.02	101	2.00	4.21		
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52		
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11		
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41		
Total BTEX	<0.300	0.300	04/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68		
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	189	94.7	200	0.477		
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 2 (5-5.5') (H231584-12)**

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	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 3 (0-0.5') (H231584-13)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3400</b>	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
<b>DRO &gt;C10-C28*</b>	<b>43.6</b>	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 3 (1-1.5') (H231584-14)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1000</b>	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
<b>DRO &gt;C10-C28*</b>	<b>10.3</b>	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 3 (2-2.5') (H231584-15)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 3 (3-3.5') (H231584-16)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 3 (4-4.5') (H231584-17)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: S - 3 (5-5.5') (H231584-18)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 1 (0-0.5') (H231584-19)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	189	94.7	200	0.477	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 2 (0-0.5') (H231584-20)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4960</b>	16.0	04/06/2023	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	04/06/2023	ND	166	83.0	200	1.68	
<b>DRO &gt;C10-C28*</b>	<b>1820</b>	10.0	04/06/2023	ND	189	94.7	200	0.477	
<b>EXT DRO &gt;C28-C36</b>	<b>1670</b>	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 3 (0-0.5') (H231584-21)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>8080</b>	16.0	04/06/2023	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	04/06/2023	ND	189	94.5	200	1.53	
<b>DRO &gt;C10-C28*</b>	<b>49.4</b>	10.0	04/06/2023	ND	183	91.5	200	1.59	
<b>EXT DRO &gt;C28-C36</b>	<b>36.6</b>	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 4 (0-0.5') (H231584-22)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7600</b>	16.0	04/06/2023	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	04/06/2023	ND	189	94.5	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	183	91.5	200	1.59	
<b>EXT DRO &gt;C28-C36</b>	<b>17.6</b>	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 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:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 5 (0-0.5') (H231584-23)**

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	04/06/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/06/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	11600	16.0	04/06/2023	ND	400	100	400	3.92	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	189	94.5	200	1.53	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	183	91.5	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	04/05/2023	Sampling Date:	03/30/2023
Reported:	04/11/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 6 (0-0.5') (H231584-24)**

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	04/07/2023	ND	1.98	99.2	2.00	1.07	
Toluene*	<0.050	0.050	04/07/2023	ND	1.97	98.6	2.00	0.0123	
Ethylbenzene*	<0.050	0.050	04/07/2023	ND	2.05	102	2.00	1.10	
Total Xylenes*	<0.150	0.150	04/07/2023	ND	6.14	102	6.00	1.79	
Total BTEX	<0.300	0.300	04/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	1800	16.0	04/06/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	189	94.5	200	1.53	
DRO >C10-C28*	240	10.0	04/06/2023	ND	183	91.5	200	1.59	
EXT DRO >C28-C36	182	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H231584

Project Manager:	Ethan Sessums	Bill to: (if different)	Garrett Green
Company Name:	NTG Environmental	Company Name:	XTO Energy
Address:	402 E Wood Ave	Address:	3104 E Greene St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	garrett.green@exxonmobil.com

Program:  UST/PST  PRP  Brownfields  RRC  Superfund

State of Project: \_\_\_\_\_

Reporting Level:  Level II  Level III  PST/UST  TRRP  Level IV

Deliverables:  EDD  ADAPT  Other: \_\_\_\_\_

Project Name:	Nash 42 Battery	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237197	Due Date:			
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kellian Smith				
PO #:	1055831001				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters				Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500		
S-1 (0-0.5')	3/30/2023		X		Grab	1	X	X	X		
S-1 (1-1.5')	3/30/2023		X		Grab	1	X	X	X		
S-1 (2-2.5')	3/30/2023		X		Grab	1	X	X	X		
S-1 (3-3.5')	3/30/2023		X		Grab	1	X	X	X		
S-1 (4-4.5')	3/30/2023		X		Grab	1	X	X	X		
S-1 (5-5.5')	3/30/2023		X		Grab	1	X	X	X		
S-2 (0-0.5')	3/30/2023		X		Grab	1	X	X	X		
S-2 (1-1.5')	3/30/2023		X		Grab	1	X	X	X		
S-2 (2-2.5')	3/30/2023		X		Grab	1	X	X	X		
S-2 (3-3.5')	3/30/2023		X		Grab	1	X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable 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.

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<i>[Signature]</i>	<i>[Signature]</i>	4/5/2023 8:35 <sup>2</sup>	<i>[Signature]</i>	<i>[Signature]</i>	4:53 12K



Chain of Custody

Work Order No: H23 1584

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Garrett Green
Company Name:	NTG Environmental	Company Name:	XTO Energy
Address:	402 E Wood Ave	Address:	3104 E Greene St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	254-266-5456	Email:	garrett.green@exxonmobil.com

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

Project Name:	Nash 42 Battery	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	237197	Due Date:			
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Kellan Smith	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
PO #:	1055831001	Thermometer ID:		Correction Factor:	113
<b>SAMPLE RECEIPT</b>		Temperature Reading:		Corrected Temperature:	-0.58
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Corrected Temperature:	-0.12
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	BTEX 8021B			
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TPH 8015M ( GRO + DRO + MRO)			
		Chloride 4500			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
S-2 (4-4.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
S-2 (5-5.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
S-3 (0-0.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
S-3 (1-1.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
S-3 (2-2.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
S-3 (3-3.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
S-3 (4-4.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
S-3 (5-5.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
H-1 (0-0.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	
H-2 (0-0.5')	3/30/2023		X		Grab	1	X	X	X	X	X	X	X	X	X	X	X	

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	4/5/2023 8:35am	<i>[Signature]</i>	<i>[Signature]</i>	



Chain of Custody

Work Order No:

1231584

Project Manager: Ethan Sessums  
 Company Name: NTG Environmental  
 Address: 402 E Wood Ave  
 City, State ZIP: Carlsbad, NM 88220  
 Phone: 254-266-5456

Bill to: (if different)  
 Company Name: Garrett Green  
 Address: 3104 E Greene St  
 City, State ZIP: Carlsbad, NM 88220

Email: [garrett.green@exxonmobil.com](mailto:garrett.green@exxonmobil.com)

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

Project Name: Nash 42 Battery  
 Project Number: 237197  
 Project Location: Eddy County, NM  
 Sampler's Name: Kellan Smith  
 PO #: 1055831001

Turn Around:  Routine  Rush  
 Due Date: TAT starts the day received by the lab, if received by 4:30pm

Received Intact: Yes  No   
 Cooler Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Total Containers: Corrected Temperature: -0.1°C

ANALYSIS REQUEST

Preservative Codes  
 None: NO  
 Cool: Cool  
 HCL: HC  
 H<sub>2</sub>SO<sub>4</sub>: H<sub>2</sub>  
 H<sub>3</sub>PO<sub>4</sub>: HP  
 NaHSO<sub>4</sub>: NABIS  
 Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>: NaSO<sub>3</sub>  
 Zn Acetate+NaOH: Zn  
 NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters														
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD								Sample Comments			
H-3 (0-0.5')	3/30/2023		X		Grab	1	X	X	X												
H-4 (0-0.5')	3/30/2023		X		Grab	1	X	X	X												
H-5 (0-0.5')	3/30/2023		X		Grab	1	X	X	X												
H-6 (0-0.5')	3/30/2023		X		Grab	1	X	X	X												

Additional Comments:

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *[Signature]* Date/Time: 4/5/2023 8:35 am

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *[Signature]* Date/Time: 4-5-23 12:45

Revised Date 05/1/2020 Rev. 2020.1



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

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May 08, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NASH 42 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/04/23 11:05.

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".

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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 1 (6') (H232207-01)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	05/05/2023	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	05/05/2023	ND	184	92.1	200	1.31	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	170	84.8	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 1 (7') (H232207-02)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	05/05/2023	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	05/04/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 1 (8') (H232207-03)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	05/05/2023	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	05/04/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 1 (9') (H232207-04)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	05/05/2023	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	05/04/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 1 (10') (H232207-05)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>960</b>	16.0	05/05/2023	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	05/04/2023	ND	196	98.2	200	1.08	
<b>DRO &gt;C10-C28*</b>	<b>14.7</b>	10.0	05/04/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 2 (6') (H232207-06)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 2 (7') (H232207-07)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 2 (8') (H232207-08)**

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	05/05/2023	ND	2.16	108	2.00	1.74		
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04		
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22		
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52		
Total BTEX	<0.300	0.300	05/05/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 2 (9') (H232207-09)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 2 (10') (H232207-10)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 3 (6') (H232207-11)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 3 (7') (H232207-12)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 3 (8') (H232207-13)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 3 (9') (H232207-14)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: TP - 3 (10') (H232207-15)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 2A (0-0.5') (H232207-16)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 3A (0-0.5') (H232207-17)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 4A (0-0.5') (H232207-18)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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**Analytical Results For:**

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

Received:	05/04/2023	Sampling Date:	05/04/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	NASH 42 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	237197	Sample Received By:	Tamara Oldaker
Project Location:	XTO - EDDY COUNTY, NM		

**Sample ID: H - 5A (0-0.5') (H232207-19)**

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	05/05/2023	ND	2.16	108	2.00	1.74	
Toluene*	<0.050	0.050	05/05/2023	ND	2.14	107	2.00	2.04	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.33	106	6.00	3.52	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/05/2023	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	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

423220

Project Manager: Ethan Sessums  
 Company Name: NTG Environmental  
 Address: 402 E Wood Ave  
 City, State ZIP: Carlsbad, NM 88220  
 Phone: 254-266-5456  
 Email: garrett.green@exxonmobil.com

Bill to: (if different)  
 Company Name: Garrett Green  
 Address: 3104 E Greene St  
 City, State ZIP: Carlsbad, NM 88220

Work Order Comments  
 Program: UST/PST  PRP  Brownfields  RRC  Superfund   
 State of Project:  
 Reporting Level: Level II  Level III  PST/UST  RRP  Level IV   
 Deliverables: EDD  ADaPT  Other:

Project Name: Nash 42 Battery  
 Project Number: 237197  
 Project Location: Eddy County, NM  
 Sampler's Name: Kellan Smith  
 PO #: 1055831001

Turn Around:  Routine  Rush  
 Due Date: 48hr  
 TAT starts the day received by the lab, if received by 4:30pm

Received Intact: Yes  No   
 Cooler Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Total Containers: Yes  No   
 Corrected Temperature: -40°C

Temp Blank: Yes  No   
 Thermometer ID: 113  
 Wet Ice: Yes  No   
 Correction Factor: -0.6°C  
 Temperature Reading: -3.4°C

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST				Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	
TP-1 (6')	5/4/2023		X		Grab	1	X	X	X		None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
TP-1 (7')	5/4/2023		X		Grab	1	X	X	X		
TP-1 (8')	5/4/2023		X		Grab	1	X	X	X		
TP-1 (9')	5/4/2023		X		Grab	1	X	X	X		
TP-1 (10')	5/4/2023		X		Grab	1	X	X	X		
TP-2 (6')	5/4/2023		X		Grab	1	X	X	X		
TP-2 (7')	5/4/2023		X		Grab	1	X	X	X		
TP-2 (8')	5/4/2023		X		Grab	1	X	X	X		
TP-2 (9')	5/4/2023		X		Grab	1	X	X	X		
TP-2 (10')	5/4/2023		X		Grab	1	X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable 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) *[Signature]* Received by: (Signature) *[Signature]* Date/Time: 5-4-23 1105

Relinquished by: (Signature) *[Signature]* Received by: (Signature) *[Signature]* Date/Time: 5-4-23 1105



Chain of Custody

Work Order No:

4232201

Project Manager: Ethan Sessums  
 Company Name: NTG Environmental  
 Address: 402 E Wood Ave  
 City, State ZIP: Carlsbad, NM 88220  
 Phone: 254-266-5456

Bill to: (if different)  
 Company Name: Garrett Green  
 Address: 3104 E Greene St  
 City, State ZIP: Carlsbad, NM 88220

Email: [garrett.green@exxonmobil.com](mailto:garrett.green@exxonmobil.com)

Program:  UST/PST  PRP  Brownfields  RRC  Superfund

State of Project:  Level II  Level III  PST/UST  RRP  Level IV

Reporting:  Level II  Level III  PST/UST  RRP  Level IV

Deliverables:  EDD  ADAPT  Other:

Project Name: Nash 42 Battery  
 Project Number: 237197  
 Project Location: Eddy County, NM  
 Sampler's Name: Kellan Smith  
 PO #: 1056831001

Turn Around:  Routine  Rush  
 Due Date: 48hr  
 TAT starts the day received by the lab, if received by 4:30pm

Received In tact:  Yes  No  
 Cooler Custody Seals:  Yes  No  
 Sample Custody Seals:  Yes  No  
 Total Containers: Corrected Temperature: -4.0°C

Temp Blank:  Yes  No  
 Thermometer ID: 113  
 Correction Factor: -0.6°C  
 Temperature Reading: -3.4°C

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes			
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	HOLD								DI Water: H <sub>2</sub> O		
TP-3 (6')	5/4/2023		X		Grab	1	X	X	X											
TP-3 (7')	5/4/2023		X		Grab	1	X	X	X											
TP-3 (8')	5/4/2023		X		Grab	1	X	X	X											
TP-3 (9')	5/4/2023		X		Grab	1	X	X	X											
TP-3 (10')	5/4/2023		X		Grab	1	X	X	X											
H-2A (0-0.5')	5/4/2023		X		Grab	1	X	X	X											
H-3A (0-0.5')	5/4/2023		X		Grab	1	X	X	X											
H-4A (0-0.5')	5/4/2023		X		Grab	1	X	X	X											
H-5A (0-0.5')	5/4/2023		X		Grab	1	X	X	X											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5/4/23 1105			

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
 Action 239434

**CONDITIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 239434
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Due to the sensitive nature of the release location and the site being located within high karst, the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. The variance to install a 20-mil polyethylene liner is denied. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Please collect confirmation samples, representing no more than 200 ft2. The work will need to occur in 90 days after the report has been reviewed.	1/2/2024