Volume calculator

There was no volume calculator prepared when the spill occurred.



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

December 6, 2023

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

**Re:** Closure Report

North Thistle 2 State #002H Township 23S, Range 33E Site Coordinates: 32.326430, -103.549980, 32.316493, -103.551181, 32.321643, -103.550924, 32.336293, -103.546804, 32.339810, -103.540839. Lea County, New Mexico Incident ID: nOY1732130408

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment, remedial action, and sampling activities at the North Thistle 2 State #002H (Site) for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico. The Site is in Township 23 South and Range 33 East in Lea County, New Mexico. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

### **Background**

Based on the Release Notification C-141 Form, the release occurred on October  $23^{rd}$ , 2017, where a lay flat hose transferring treated produced water from the Ursala frac pond to location failed at Site #1. The frac went from flush and then shut down, releasing produced water to the ground. There were four (4) additional failures found along the line. Upon discovery, repairs were made to the hose and the line was replaced. A total of five (5) different spill sites along the line resulted in this spill of approximately 355 barrels (bbls) of produced water of which 250 bbls were recovered for an approximate net loss of 105 bbls. The locations of the associated five (5) release locations are as follows: L1 – 32.326430, - 103.549980, L2 – 32.316493, -103.551181, L3 – 32.321643, -103.550924, L4 – 32.336293, - 103.546804, L5 – 32.339810, -103.540839.

The overall release area is shown in Figure 3. Each individual release location is shown on Figure 3A through Figure 3E. The initial and final C-141 form is attached to this report.

### **Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no wells located within a ½-mile radius of the Sites. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the sites are located within a low Karst area. The Site characterization

Creating a Better Environment For Oil & Gas Operations

Mr. Mike Bratcher December 6, 2023 Page 2 of 4

documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is attached.

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

### General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	Unknown

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re- Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes: = not defined					

### Site Assessment

On August 16<sup>th</sup>, 2023, August 17<sup>th</sup>, 2023, and August 29<sup>th</sup>, 2023, NTGE conducted site assessment activities all five spills (L1 through L5). At each individual spill location, NTGE scientists installed several vertical samples points (e.g., V-1 through V-6 at the spill location L1) and several horizontal sample points (e.g., H-1 through H-6 at the spill location L1) within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft intervals from depths ranging from 0.5 to 5 ft below ground surface (ft bgs) with a geotechnical hand auger. On September 7<sup>th</sup>, 2023, an additional seven (7) test pit delineation samples (TP-1 through TP-7) were collected at the spill location L5 in 1 ft intervals at depths from 1 to 5 ft bgs. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, total petroleum hydrocarbon (TPH) by method 8015B, and chloride by SM4500 Cl-B by Cardinal Laboratories in Hobbs, New Mexico.

Analytical results indicated that all constituents of concern concentrations for all samples collected on spill locations L1, L2 and L4 were below New Mexico regulatory criterion across the release area. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 through V-4 from depths 2.5 - 5 ft bgs on the spill location L3 and the areas of TP-4 (at 4 ft bgs), TP-6 (at 1 ft bgs), V-1 through V-3, V-5 through V-10 (at depths from a surface level to 0.5 ft bgs) on the spill location L5. Analytical results are included in Table 1 (L1) through Table 1 (L5). Overview of all 5 spills (L-1 through L-5) is shown in Figure 3. Soil boring locations are shown in Figures 3A through 3E for each associated spill location.

### **Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with the remedial actions at the spill location L3 and L5 to include the excavation and disposal of impacted soils above the regulatory limits.

A NTG ENVIRONMENTAL Mr. Mike Bratcher December 6, 2023 Page 3 of 4

At the spill location L3, the release areas of V-1 through V-4 were excavated to a depth of seven (7) ft bgs based on the delineation samples results shown in Table 1 (L3).

On October 24<sup>th</sup>, 2023, NTGE was onsite to collect confirmation samples from the base of the excavation as well as confirmation side wall samples. The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B. Laboratory analytical results indicate that multiple confirmation samples (CS-1 through CS-7, and SW-1) were above NMOCD regulatory criterion from Table I, Closure Criteria. Laboratory reports containing analytical methods and chain-of-custody documents are attached. See Table 2 (L3) for the laboratory results.

Devon continued expanding the excavation both horizontally and vertically based on the laboratory results of confirmation samples to ensure all impacted soils were removed. NTGE collected final confirmation samples on November 2<sup>nd</sup>, 2023. The confirmation samples were collected every 200 square feet in accordance with the regulatory guidelines and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Analytical results indicated that all samples were below NMOCD regulatory criterion for the Site and therefore all impacted soils were removed from spill location L3.

At the spill location L5, the release areas of TP-4 and adjacent area V-2 were excavated to a depth of five (5) ft bgs, area TP-2 was excavated to a depth of two (2) ft bgs and the remaining impacted areas of V-1 and V-3 through V-10 were excavated to a depth of one (1) ft bgs based on the delineation samples results shown in Table 1 (L5).

On October 24<sup>th</sup>, 2023, NTGE was onsite to collect confirmation samples from the base of the excavation as well as confirmation side wall samples. The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B. Laboratory analytical results indicate that multiple base and side wall confirmation samples (CS-2, CS-3, CS-4, CS-8, CS-13, CS-19, CS-20, CS-25, CS-28, CS-30, SW-3, SW-4, SW-6, SW-10 and SW-12) were above NMOCD regulatory criterion from Table I, Closure Criteria. Laboratory reports containing analytical methods and chain-of-custody documents are attached. See Table 2 (L5) for the laboratory results.

Devon continued expanding the excavation both horizontally and vertically based on the laboratory results of confirmation samples to ensure all impacted soils were removed. NTGE collected final confirmation samples on November 2<sup>nd</sup>, 2023. The confirmation samples were collected every 200 square feet in accordance with the regulatory guidelines and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Analytical results indicated that all samples were below NMOCD regulatory criterion for the Site and therefore all impacted soils were removed from spill location L5.

Complete analytical results for all confirmation samples are presented in Table 2 (L3) and Table 2 (L5) respectively and the final excavation maps with confirmation sample locations are shown in Figures 4A and 4B.

### **Closure Request**

Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. A copy of the final C- 141 is attached, and Devon formally requests a no further action designation for the Site.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

A NTG

Mr. Mike Bratcher December 6, 2023 Page 4 of 4

Sincerely, NTG Environmental

allu \_

**Ethan Sessums** Project Manager **Dmitry Nikanorov** Project Scientist

Attachments:

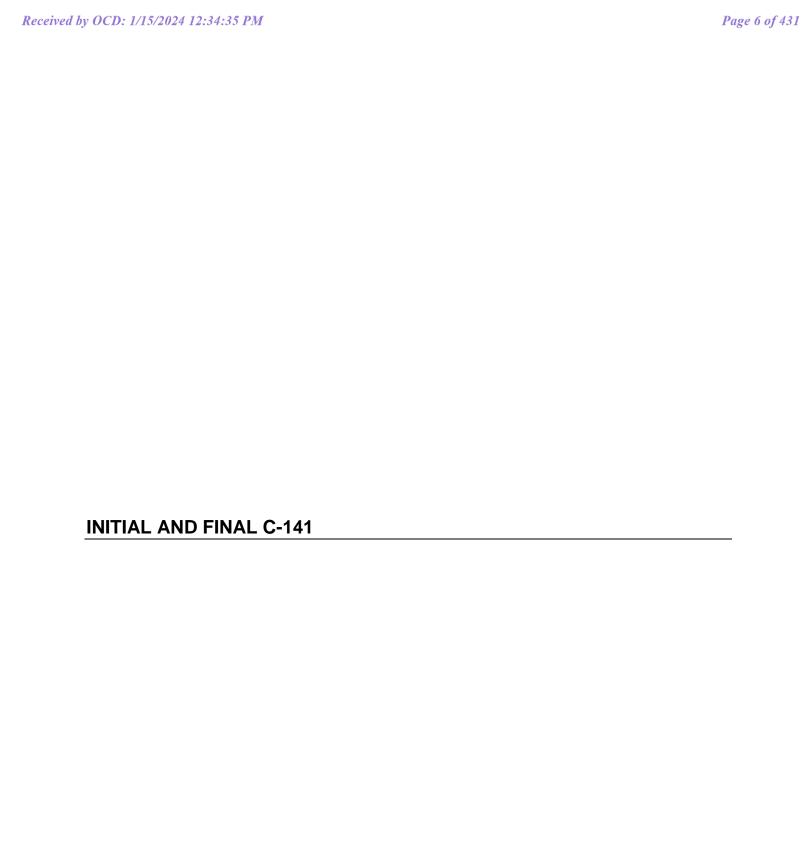
Initial And Final C-141 Sampling Notifications

Site Characterization Information

Tables Figures

Photographic Log

Laboratory Reports and Chain-of-Custody



Form C-141

Revised April 3, 2017

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III  $1000\ \mathrm{Rio}\ \mathrm{Brazos}\ \mathrm{Road},\ \mathrm{Aztec},\ \mathrm{NM}\ 87410$ District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

### State of New Mexico **Energy Minerals and Natural Resources**

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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

Release Notification and Corrective Action													
							<b>OPERA</b>	ΓOR	[	Initia	al Report		Final Report
Name of Company Devon Energy Production Co LP (6137)					Contact Stephen Richards, Devon Completions Foreman								
Address PC	BOX 250	), Artesia, N	M 88211				Telephone N	No. (575) 252-3	717				
Facility Nar	ne: Trans	fer line from	Ursula I	rac ]	Pond to		Facility Typ	e Oil well					
North Thistl	e 2 State 2	2H											
Surface Ow	ner: See P	age 2 Locati	on of		Mineral C	)wner	: See Page 2	Location of Rel	ease	API No	. 30-025-	42821	
Release													
LOCATION OF RELEASE: Please see Page 2 for locations of the spills related to this incident.													
Unit Letter	Section	Township	Range	Fee	t from the	Nort	h/South Line	Feet from the	East/W	est Line	County		
		23S	33E								Lea		

Latitude See Page 2 Location of Release	ase <b>Longitude</b> See Page 2 Loca	ation of Release
NATURE	OF RELEASE	
Type of Release: Treated Produced Water	Volume of Release: 355 bbls to (pad and pastu	` * ′
Source of Release: Lay Flat Hose	Date and Hour of Occurrence: 10/23/2017, 6:00 & 7:30 PM	Date and Hour of Discovery 10/23/2017, 6:00 & 7:30 PM
Was Immediate Notice Given?   ☐ Yes ☐ No ☐ Not Required	BLM: Shelly Tucker	RECEIVED  By Olivia Yu at 7:48 am, Nov 17, 2017
By Whom? Mike Shoemaker, EHS Professional	Date and Hour: OCD: 10/25/17, 7:24 AM BLM: 10/25/17, 7:24 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the NA	Watercourse.
If a Watercourse was Impacted, Describe Fully.* NA	-	
At 6:00 PM, the lay flat hose transferring treated produced water from the went from flush and then shut down, releasing produced water to the group PM, there were four additional failures along the line. Completion activity Describe Area Affected and Cleanup Action Taken.* There were a total of which are identified on the attached GIS map with their respective chronofollows: 1) 5,600° 2) 7,744° 3) 400° 4) 1,974° 5) 115,480°. An estimated recovered from the combined locations. A remediation contractor will be the attached GIS map with their respective chronofollows: 1) 5,600° 2) 7,744° 3) 400° 4) 1,974° 5) 115,480°. An estimated recovered from the combined locations. A remediation contractor will be	und. Repairs were made to the host ties shut down. The line is being reported of five different spill sites from the cologic number. The estimated squared system is specified by the contacted to assist with the deline	se and completion activities resumed. At 7:30 replaced.  se pond to the pad location along the lay flat line, are footage affected be each release is as seed water were spilled and 250 barrels were eation and remediation efforts.
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release a public health or the environment. The acceptance of a C-141 report by the should their operations have failed to adequately investigate and remedia or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	notifications and perform corrective ne NMOCD marked as "Final Reporte contamination that pose a threat	re actions for releases which may endanger ort" does not relieve the operator of liability to ground water, surface water, human health
Signature: Denise Mencud	OIL CONSE	ERVATION DIVISION
Printed Name: Denise Menoud	Approved by Environmental Spec	
Title: Admin Field Support	Approval Date: 11/17/2017	Expiration Date:
E-mail Address: denise.menoud@dvn.com  Date: 10/25/2017 Phone: (575)746-5544	Conditions of Approval:  see attached directive	Attached 💟
Attach Additional Shoots If Nagassary	1DD 4060	

nOY1732130408

pOY1732130912

Form C-141

Revised April 3, 2017

<u>District I</u> 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**

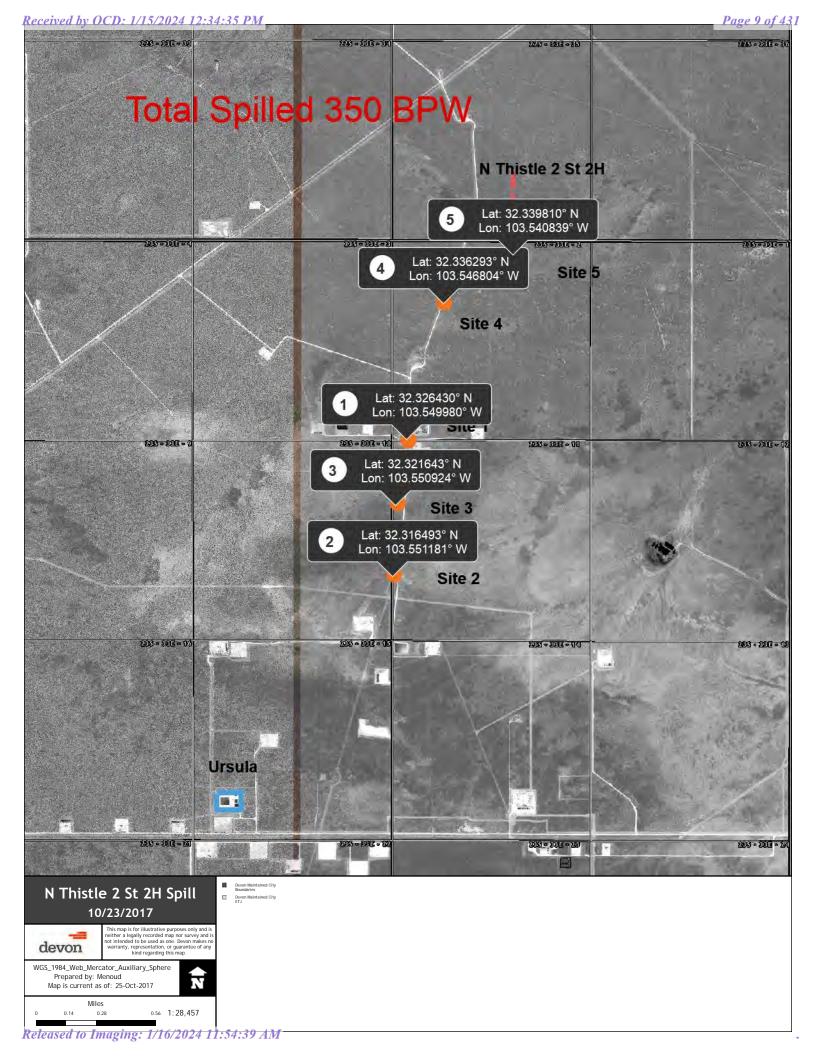
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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

### **Release Notification and Corrective Action - PAGE 2**

		<b>OPERA</b>	ΓOR	Initial	l Report	Final Report
Name of Company Devon Energy Production C	Contact Stephen Richards, Devon Completions Foreman					
Address PO BOX 250, Artesia, NM 88211		Telephone No. (575) 252-3717				
Facility Name: Transfer line from Ursula Frac North Thistle 2 State 2H	Pond to	Facility Typ	e Oil well			
Surface Owner: State / Federal	Mineral Owner	r: State / Fede	ral	API No.	30-025-42821	
	LOCATIO	N OF REL	EASES:			
Unit LetterSectionTownshipRangeFee23S33E	et from the Nor	th/South Line	Feet from the East	t/West Line	County Lea	
SITE 1) M-02-23S-33E, 32.326430 N, 103.549980	) W (Surface Owne	er-State, Minera	l Owner-Federal)	1-D		
SITE 2) L-11-23S-33E, 32.316493 N, 103.551181	W (Surface Owne	r-State, Mineral	Owner-Federal)			
SITE 3) E-11-23S-33E, 32.321643 N, 103.550924	W (Surface Owne	r-State, Minera	Owner-Federal)			
SITE 4) F-02-23S-33E, 32.336293 N, 103.546804	W (Surface Owne	r-State, Mineral	Owner-State)			
SITE 5) B-02-23S-33E, 32.339810 N, 103.540839	W(Surface Owner	-State, Mineral	Owner-State)			
			OIL CONSER	VATION	DIVISION	
Signature: Denise Mencud		Approved by Environmental Specialist:				
Printed Name: Denise Menoud				F		
Title: Admin Field Support		Approval Dat	e:	Expiration D	Date:	
E-mail Address: denise.menoud@dvn.com		Conditions of	Approval:		Attached	
Data: 10/25/2017 Phone: (575)746-5544						

<sup>\*</sup> Attach Additional Sheets If Necessary



Operator/Responsible Party,

The OCD has received the form C-141 you provided on \_11/6/2017\_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number \_1RP-4868\_\_ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District \_1\_ office in \_\_Hobbs\_\_\_\_ on or before \_12/17/2017\_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- •Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.
- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.
- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

### Jim Griswold

OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us re of New Mexico

Incident ID	nOY1732130408
District RP	
Facility ID	
Application ID	

### **Site Assessment/Characterization**

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>N/A (</u> ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ⊠ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data  Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	ls.

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 1/15/2024 12:34:35 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 13 of 4.	31
Incident ID	nOY1732130408	
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the Gailed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name:Dale Woodall	Title:Env. Professional
Signature:	Date:11/30/23
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by:	Date:

	Page 14 of 43
Incident ID	nOY1732130408
District RP	
Facility ID	
Application ID	

## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must b	e included in the plan.					
<ul> <li>□ Detailed description of proposed remediation technique</li> <li>□ Scaled sitemap with GPS coordinates showing delineation points</li> <li>□ Estimated volume of material to be remediated</li> <li>□ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>□ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>						
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.					
Contamination must be in areas immediately under or around p deconstruction.	roduction equipment where remediation could cause a major facility					
☐ Extents of contamination must be fully delineated.						
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.					
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of					
Printed Name:	Title:					
Signature:	Date:					
email:	Telephone:					
OCD Only						
Received by:	Date:					
☐ Approved ☐ Approved with Attached Conditions of	Approval					
Signature:	Date:					

Received by OCD: 1/15/2024 12:34:35 PM Form C-141 State of New Mexico Page 6

Oil Conservation Division

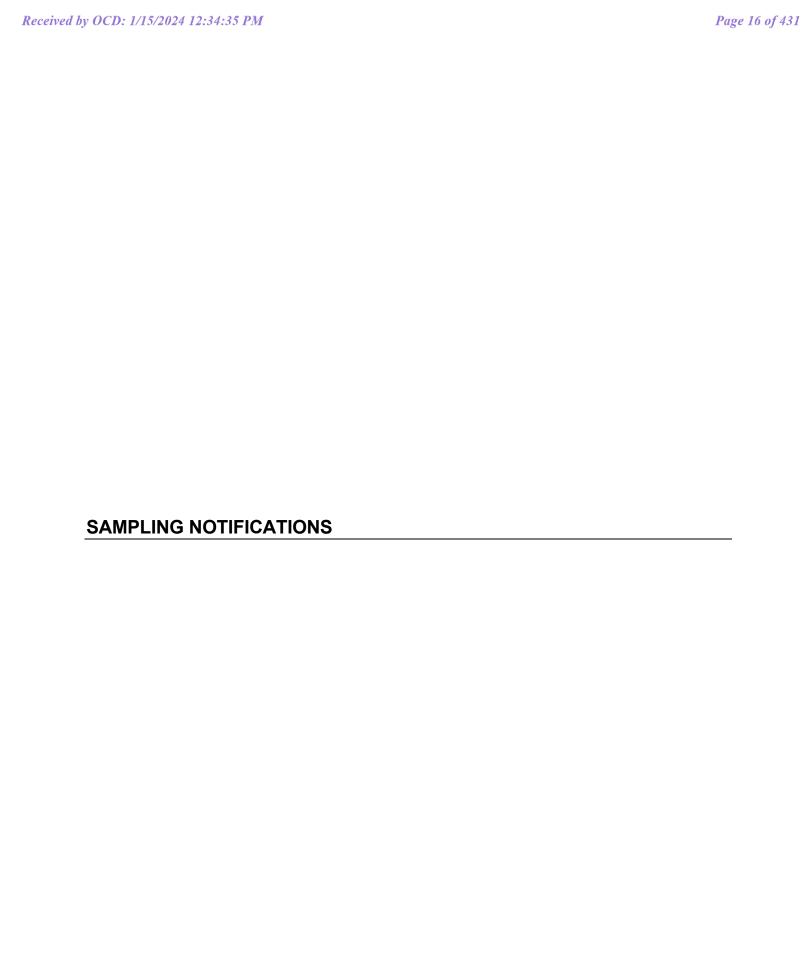
Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

	Page 15 of 43	1
Incident ID	nOY1732130408	
District RP		
Facility ID		
Application ID		

### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the O Printed Name:Dale Woodall	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.  Title:Env. Professional
	Date:11/30/23
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



 From:
 Ethan Sessums

 To:
 Enviro, OCD, EMNRD

 Cc:
 NTG Env Carlsbad

 Subject:
 Sampling Notification

**Date:** Thursday, October 19, 2023 12:57:37 PM

Attachments: <u>image001.png</u>

NTGE on behalf of DEVON will be conducting confirmation sampling the entire week of the  $23^{rd}$  starting at 2 p.m. MDT and ending close of business Friday the  $27^{th}$ .

nOY1732130408	North Thistle 2 State #002H	10/23/2017
---------------	-----------------------------	------------

Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159

Email: <u>esessums@ntglobal.com</u> <u>http://www.ntgenvironmental.com/</u>



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 From:
 Kellan Smith

 To:
 Enviro, OCD, EMNRD

 Cc:
 NTG Env Carlsbad

Subject: Sampling Notification - nOY1732130408

Date: Thursday, October 26, 2023 11:28:16 AM

NTGE, on behalf of Devon Energy Production Company (DEVON), will be conducting confirmation sampling at the North Thistle 2 State #002H (nOY1732130408) the entire week of October 30<sup>th,</sup> 2023, through November 3<sup>rd</sup>, 2023, starting at 9 a.m. MDT Monday morning and ending at the close of business Friday afternoon.

Incident ID: nOY1732130408

Thank you!

### **Kellan Smith**

Project Scientist | NTG Environmental – Carlsbad, NM

W: 832.374.0004 | M: 580.682.1889 | <u>ksmith@ntglobal.com</u> | <u>www.ntgenvironmental.com</u>

Received by OCD: 1/15/2024 12:34:35 PM	Page 19 of 431
SITE CHARACTERIZATION INFORMATION	

### **NMOCD Closure Criteria**

### North Thistle 2 State #002H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)	Source/Notes	
Depth to Groundwater ( ft bgs)	N/A	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	Office of the State Engineer (OSE)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	United States Geological Survey (USGS)

Closure Criteria (19.1	5.29.12.B(4) ar	nd Table 1 NM.	AC)						
,	( ) (	Closure Criteria (mg/kg)							
Depth to Groundwater (ft)		Chloride*	TPH	GRO + DRO	BTEX	Benzene			
< 50	х	600	100		50	10			
51 - 100		10,000	2,500	1,000	50	10			
>100		20,000	2,500	1,000	50	10			
Surface Water	Yes/No			in yes, then					
<300 ft from a continuously flowing watercourse or other significant watercourse?	No								
<200 ft from a lakebed, sinkhole, or playa lake?	No	1							
Water Well or Water Source		1							
<500 ft from a spring or a private, domestic fresh waster well used		1							
by less that 5 households for domestic or livestock purposes?	No								
<1,000 ft from a fresh water well or spring?	No								
Sensitive and Other Area		600	100		50	10			
<300 ft from an occupied permanent residence, school, hospital,		000	100		30	10			
institution or church?	No								
Within incorporated municipal boundaries or within a defined									
municipal fresh water well field?	No								
<100 ft from a wetland?	No								
Within an area overlying a subsurface mine?	No								
Within and unstable area?	No								
Within a 100 yr floodplain?	No								

<sup>\* -</sup> numerical limit or background, whichever is greater

### OCD Well Locations - Karst

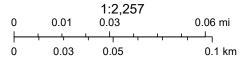


11/30/2023, 10:00:34 AM

Oil, Active

Low

Wells - Large Scale Karst Occurrence Potential PLSS Second Division **PLSS First Division** 



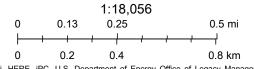
BLM, OCD, New Mexico Tech, Maxar, Microsoft, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD,

## **OSE POD Locations Map**



8/2/2023, 2:38:23 PM
GIS WATERS PODs Water Right Regulations Surface Estate SiteBoundaries
GIS WATERS PODs Closure Area Both Estates
OSE District Boundary New Mexico State Trust Lands NHD Flowlines

\*\*Released to Imaging: 1/16/2024 11:54:39 Unface Estate Stream River\*\*



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

ORelease To Imaging: 1/16/2024 PP.54:39 AM

## National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway

> 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

NO SCREEN Area of Minimal Flood Hazard Zone X

20.2 Cross Sections with 1% Annual Chance

Area with Flood Risk due to Levee Zone D

OTHER AREAS Area of Undetermined Flood Hazard Zone D

Effective LOMRs

- - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall

> 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study **Jurisdiction Boundary**  — --- Coastal Transect Baseline OTHER **Profile Baseline**

> > Hydrographic Feature

Digital Data Available

No Digital Data Available

MAP PANELS Unmapped

**FEATURES** 

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

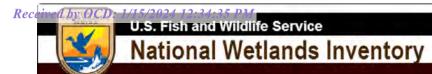
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/2/2023 at 3:43 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



2,000



### Thistle 2 State #002H



August 2, 2023

### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

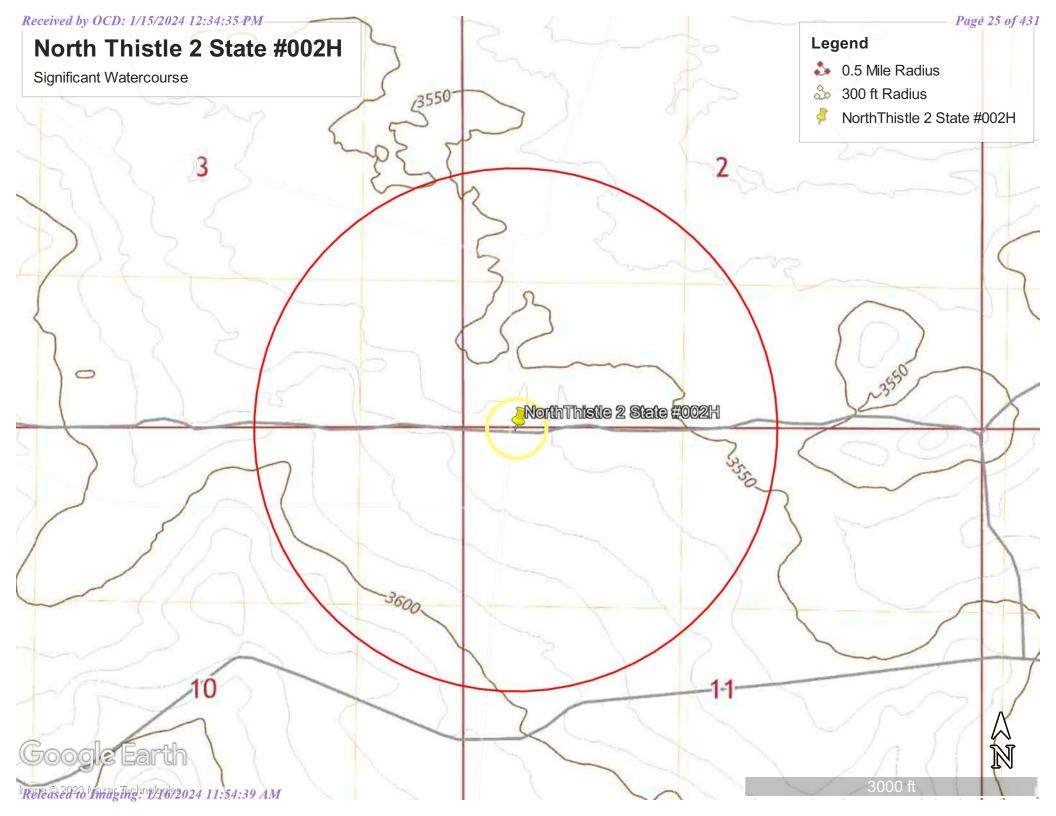
Freshwater Pond

Lake

Other

Riverine

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



**TABLES** 

### Table 1 (L1)

### **Summary of Soil Analytical Data - Delineation Samples** North Thistle 2 State #002H **Devon Energy Production Company** Lea County, New Mexico

								TPH					
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
	•	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Т	able I Closur	e Criteria for S	oil 0-50 feet	Depth to Groun	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					V	ertical Delin	eation Sample	:s					
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	42.9
V-1	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	128
	8/29/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	71.0
	8/29/2023	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.1	<25.0	<25.0	<50.0	<50.0	62.9
	8/16/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-2	8/16/2023	0.5-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	83.6
	8/16/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-3	8/16/2023	0.5-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/16/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/16/2023	0.5-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-4	8/16/2023	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/16/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	109
	8/16/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
\ F	8/16/2023	0.5-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
V-5	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	46.9
	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	106
	8/16/2023	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
V 6	8/16/2023	0.5-1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-6	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	56.4
					Ho	rizontal Deli	neation Samp	les					
H-1	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-2	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-5	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-6	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

### Notes:

- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

Sample Point Excavated

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

NTGE Project Number: 237627 Page 1 of 7

### Table 1 (L2)

# Summary of Soil Analytical Data - Delineation Samples North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
	•	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Т	able I Closur	e Criteria for S	oil 0-50 feet	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
Vertical Delineation Samples													
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-1	8/29/2023	1-1.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	42.9
	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-2	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	< 0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-3	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-4	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/16/2023	0-0.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-5	8/29/2023	1-1.5'	<0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	2-2.5'	<0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/16/2023	0-0.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-6	8/29/2023	1-1.5'	<0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	2-2.5'	<0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
<u> </u>		<u> </u>			Но	rizontal Del	ineation Samp	les					
H-1	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-2	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	8/16/2023	Surface	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

### Notes:

- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

  SP-1
  Sample Point Excavated
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

NTGE Project Number: 237627 Page 2 of 7

# Table 1 (L3) Summary of Soil Analytical Data - Delineation Samples North Thistle 2 State #002H Devon Energy Production Company

### Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6- C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Т	able I Closur	e Criteria for S	oil 0-50 feet	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
			•		١	ertical Delin	eation Sample	es	•				
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/16/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	8/16/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
V-1	8/16/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
V 1	8/16/2023	2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	880
	8/16/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1800
	8/16/2023	3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
	8/16/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1800
	8/16/2023	4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2760
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	8/16/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/16/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
V-2	8/16/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
V-Z	8/16/2023	2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
	8/16/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1280
	8/16/2023	3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1800
	8/16/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1680
	8/16/2023	4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1070
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/16/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	8/16/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
V-3	8/16/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
	8/16/2023	2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
	8/16/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
	8/16/2023	3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1360
	8/16/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1260
	8/16/2023	4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1280
	8/16/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/16/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
V/ 4	8/16/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
V-4	8/16/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
	8/16/2023	2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
	8/16/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
	8/16/2023	3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
	8/16/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1220
ш 1	0/16/2022	Curtana	<0.050	<0.050		1		<10.0	<b>410.0</b>	<b>410.0</b>	×10.0	-10.0	22
H-1	8/16/2023	Surface		<0.050	<0.050	<0.150	<0.300		<10.0	<10.0	<10.0	<10.0	32 16
H-2	8/16/2023	Surface	<0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16

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### Table 1 (L3)

# Summary of Soil Analytical Data - Delineation Samples North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

Sample ID	Sample Date	Depth	Depth (ft bgs)	*	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C10)	DRO (C10- C28)	TPH GRO + DRO (C6- C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
	·	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
				ng/kg)   (mg/kg)   (mg/kg)											
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg		
H-3	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16		
H-4	8/16/2023	Surface	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0		

### Notes:

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

NTGE Project Number: 237627

## Table 1 (L4) Summary of Soil Analytical Data - Delineation Samples

### North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth (ft bas)	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
				1	T.	able I Closur		oil 0-50 feet	Depth to Grour	dwater 19.15.29	NMAC	1	
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
	Vertical Delineation Samples												
	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-1	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
V 1	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-2	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
V 2	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/17/2023	0-0.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-3	8/29/2023	1-1.5'	<0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
V-3	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/17/2023	0-0.5'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-4	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
V-4	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-5	8/29/2023	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
v-3	8/29/2023	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	8/29/2023	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
					Ho	rizontal Deli	neation Samp	les					
H-1	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-2	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

### Notes:

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

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### Table 1 (L5) Soil Analytical Data -

# Summary of Soil Analytical Data - Delineation Samples North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
·	· ·	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Т	able I Closur	e Criteria for S	oil 0-50 feet	Depth to Grour	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					\	ertical Delin	eation Sample	es	1				
V-1	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
V-2	8/17/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8200
V-3	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2280
V-4	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
V-5	8/17/2023	0-0.5'	<0.050	<0.050	0.056	0.393	0.449	11.4	<10.0	11.4	<10.0	11.4	3320
V-6	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	110	110	122	232	1140
V-7	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	752
V-8	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4080
V-9	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
V-10	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1650
							eation Sample						
TP-1	9/7/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
TP-1	9/7/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
TP-1	9/7/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
TP-1	9/7/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
TP-1	9/7/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
TP-2	9/7/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
TP-2	9/7/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
TP-2	9/7/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
TP-2	9/7/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
TP-2	9/7/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-3	9/7/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
TP-3	9/7/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
TP-3	9/7/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
TP-3	9/7/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
TP-3	9/7/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
TP-4	9/7/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
TP-4	9/7/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
TP-4	9/7/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
TP-4	9/7/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
TP-4	9/7/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-5	9/7/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
TP-5	9/7/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
TP-5	9/7/2023	3' 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
TP-5	9/7/2023		<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
TP-5	9/7/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-6	9/7/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
TP-6	9/7/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
TP-6	9/7/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
TP-6	9/7/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
TP-6	9/7/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
TP-7	9/7/2023	1'	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16

NTGE Project Number: 237627

### Table 1 (L5)

# Summary of Soil Analytical Data - Delineation Samples North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

										TPH			
Sample ID	Sample Date	le Date Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
	·	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
TP-7	9/7/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-7	9/7/2023	3'	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-7	9/7/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
TP-7	9/7/2023	5'	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
					Ho	rizontal Deli	ineation Samp	es					
H-1	8/17/2023	Surface	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
H-2	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
H-3	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
H-4	8/17/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96

1. Values reported in mg/kg

2.< = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

Sample Point Excavated

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

NTGE Project Number: 237627

### Table 2 (L3)

# Summary of Soil Analytical Data - Confirmation Samples North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

	Sample Date		Benzene Tolue		ne Ethylbenzene	Xylenes	втех							
Sample ID		Depth		Toluene				GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6- C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride	
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
				Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg	
						Confirmat	ion Samples							
CS-1	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1440</del>	
CS-1	11/2/2023	8'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	44.3	
<del>CS-2</del>	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1550</del>	
CS-2	11/2/2023	8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.4	70	70	<50.4	70	61.0	
<del>CS-3</del>	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	608	
CS-3	11/2/2023	8'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.7	<49.7	<49.7	<49.7	<49.7	101	
CS-4	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1120</del>	
CS-4	11/2/2023	8'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	67.8	
<del>CS-5</del>	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1410</del>	
CS-5	11/2/2023	8'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	76.2	
<del>CS-6</del>	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	864	
CS-6	11/2/2023	8'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.3	<50.3	<50.3	<50.3	<10.0	111	
CS-7	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	688	
CS-7	11/2/2023	8'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.6	<49.6	<49.6	<49.6	<49.6	68.4	
CS-8	10/24/2023	<del>7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	4 <del>16</del>	
CS-8	11/2/2023	8'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.5	<50.5	<50.5	<50.5	<50.5	77.1	
						Sidewal	l Samples							
<del>SW-1</del>	10/24/2023	<del>0-7'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1060</del>	
SW-1A	11/2/2023	0-8'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.6	<49.6	<49.6	<49.6	<49.6	77.5	
SW-2	10/24/2023	0-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128	
SW-3	10/24/2023	0-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-4	10/24/2023	0-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560	
SW-5	10/24/2023	0-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-6	10/24/2023	0-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	

#### Notes:

- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

  SP-1

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

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### Table 2 (L5)

# Summary of Soil Analytical Data - Confirmation Samples North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

	Sample Date	e Depth e (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	втех								
Sample ID								GRO (C6-C10)	DRO (C10- C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride		
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC												
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg		
			<u> </u>			Confirmat	ion Samples					3. 0			
CS-1	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80		
CS-2	10/24/2023	<u>1'</u>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0-</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>62</del> 4		
CS-2	11/2/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32		
<del>CS-3</del>	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	768		
CS-3	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80		
CS-4	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	< <del>10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1010</del>		
CS-4	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32		
CS-5	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384		
CS-6	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272		
CS-7	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<del>&lt;10.0−</del>	<10.0	<10.0	32		
CS-8	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<0.300	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0−</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>928</del>		
CS-8	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240		
CS-9	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208		
CS-10	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64		
CS-11	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320		
CS-12	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320		
CS 13	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1260</del>		
CS-13	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64		
CS-14	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80		
CS-15	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176		
CS-16	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320		
CS-17	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176		
CS-18	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448		
CS-19	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del> -	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1280</del>		
CS-19	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224		
CS-20	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>720</del>		
CS-20	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48		
CS-21	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320		
CS-22	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512		
CS-23	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304		
CS-24	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336		
CS-25	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>896</del>		
CS-25	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208		
CS-26	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512		
CS-27	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352		
CS-28	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>608</del>		
CS-28	11/2/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32		
CS-29	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48		
CS-30	10/24/2023	<del>1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del> −	<del>&lt;10.0</del> -	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>784</del>		
CS-30	10/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112		
CS-31	10/24/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320		
CS-32	10/24/2023	2'	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160		

NTGE Project Number: 237627

### Table 2 (L5)

### Summary of Soil Analytical Data - Confirmation Samples North Thistle 2 State #002H Devon Energy Production Company Lea County, New Mexico

		ТРН											
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10- C28)		MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					T.	able I Closur	e Criteria for S	oil 0-50 feet l	Depth to Groui	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
CS-33	10/24/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-34	10/24/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-35	10/24/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
Sidewall Samples													
SW-1	10/24/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-2	10/24/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
<del>SW-3</del>	<del>10/24/2023</del>	<del>0-1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del> -	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>9</del> 44
SW-3A	11/2/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-4	<del>10/24/2023</del>	<del>0-1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del> -	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1120</del>
SW-4A	11/2/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SW-5	10/24/2023	0-1'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
<del>SW-6</del>	10/24/2023	<del>0-1'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0-</del>	<del>&lt;10.0</del>	<del>&lt;10.0−</del>	<del>752</del>
SW-6A	11/2/2023	0-1'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-7	10/24/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-8	10/24/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-9	10/24/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
<del>SW-10</del>	<del>10/24/2023</del>	<del>1 5'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del> -	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1960</del>
SW-10A	11/2/2023	2-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-11	10/24/2023	1-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
<del>SW-12</del>	<del>10/24/2023</del>	<del>1-5'</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.050</del>	<del>&lt;0.150</del>	<del>&lt;0.300</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>&lt;10.0</del> -	<del>&lt;10.0</del>	<del>&lt;10.0</del>	<del>1100</del>
SW-12A	11/2/2023	2-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-13	10/24/2023	1-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-14	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW-15	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-16	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-17	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-18	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-19	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SW-20	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-21	11/2/2023	1-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96

### Notes:

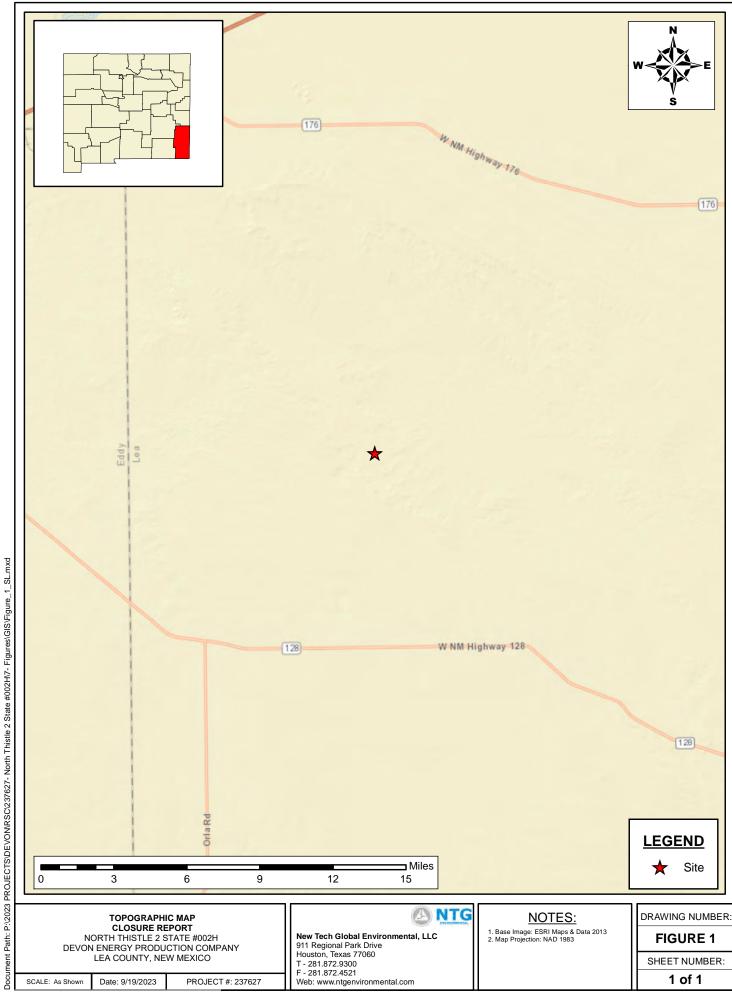
- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

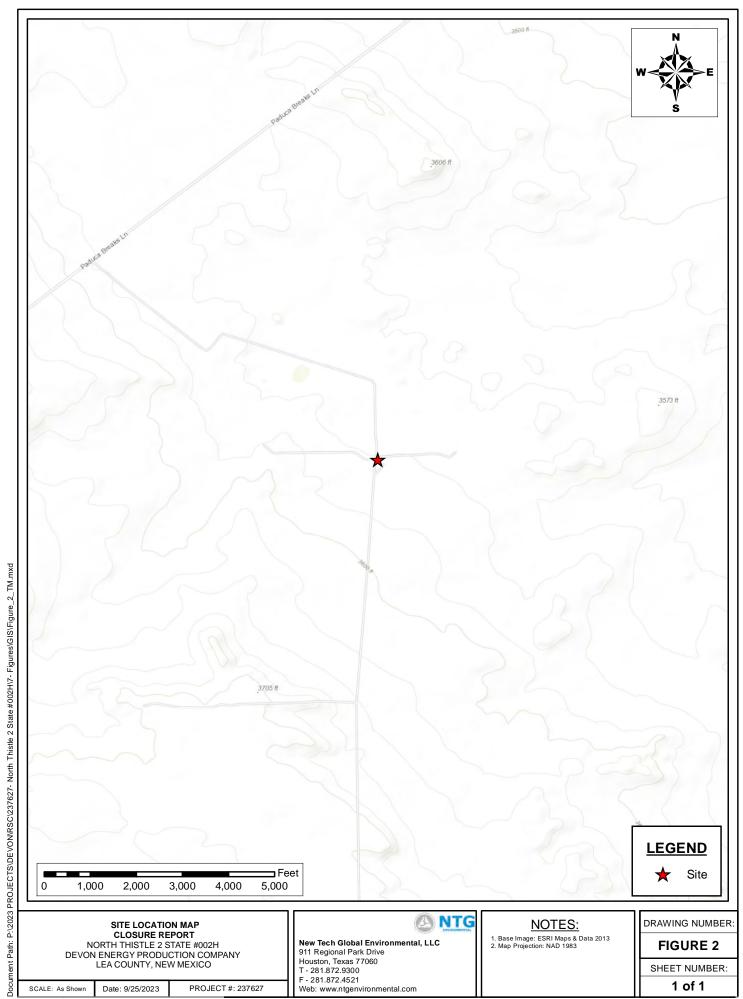
Sample Point Excavated

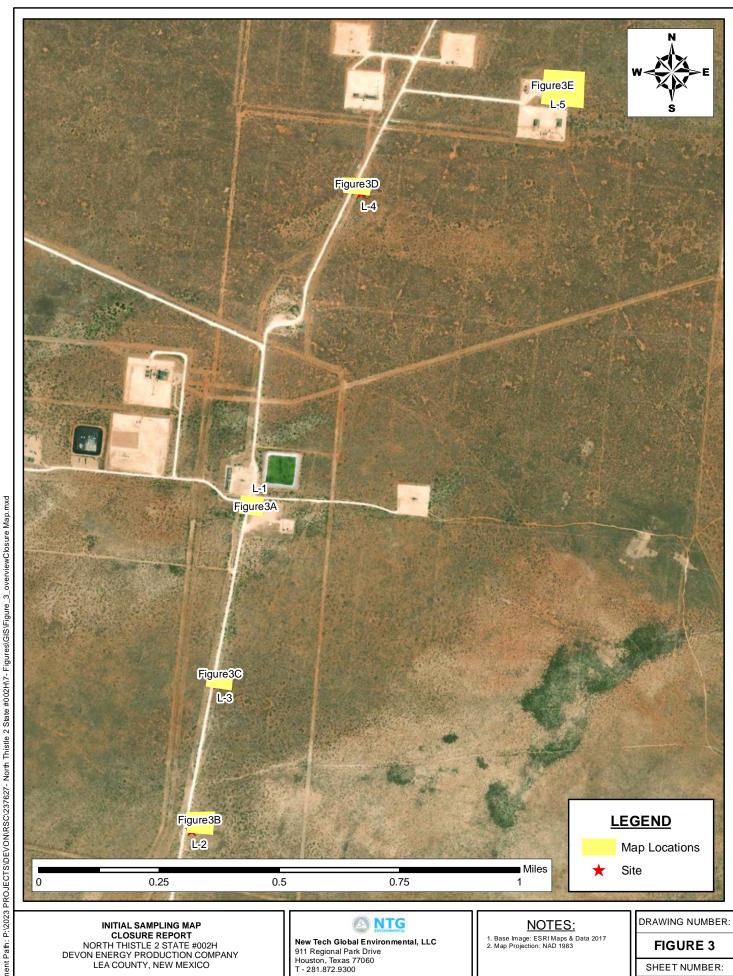
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table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

NTGE Project Number: 237627 Page 3 of 3

# **FIGURES**







911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300

PROJECT #: 237627

F - 281.872.4521 Web: www.ntgenvironmental.com

Released to Imaging: 1/16/2024 11:54:39 AM

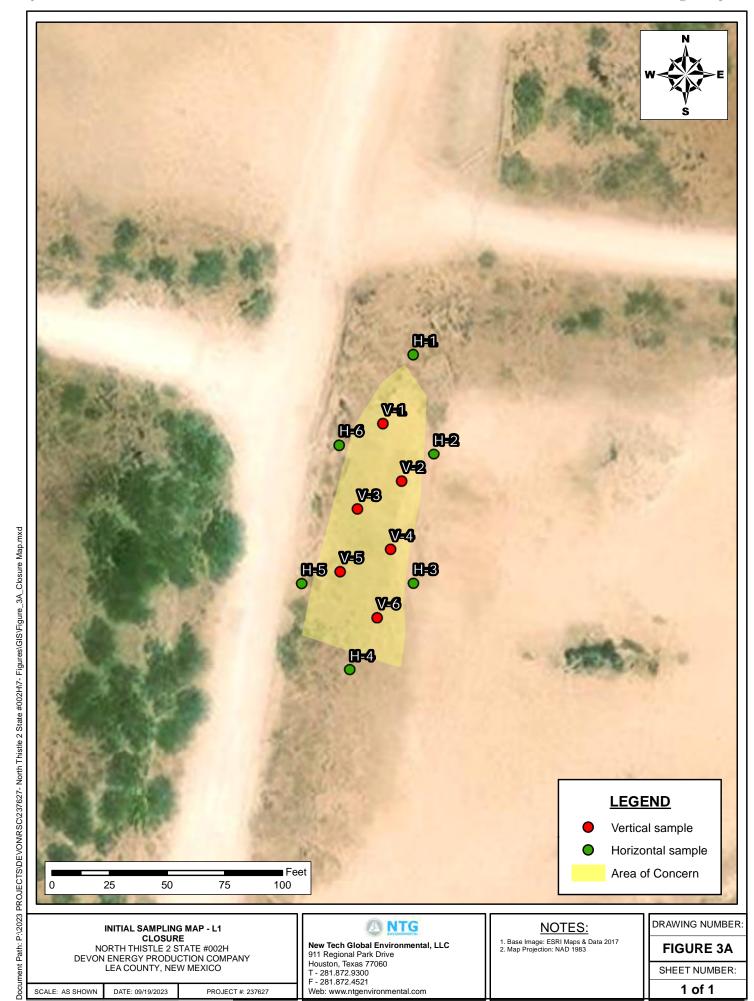
DATE: 09/20/2023

SCALE: AS SHOWN

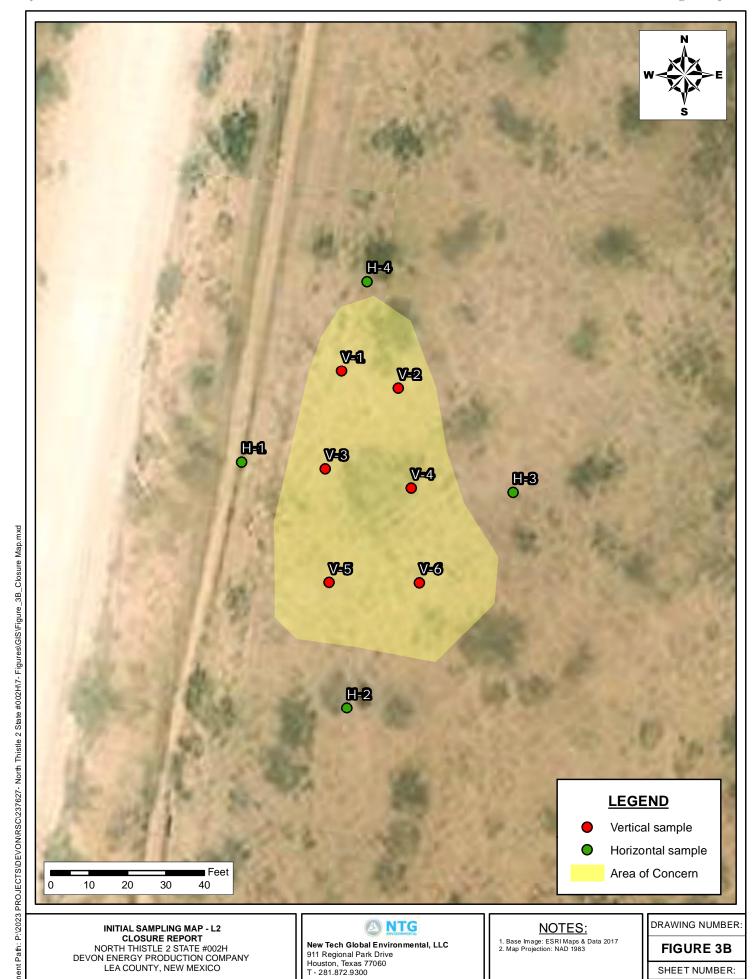
FIGURE 3

SHEET NUMBER:

1 of 1



1 of 1



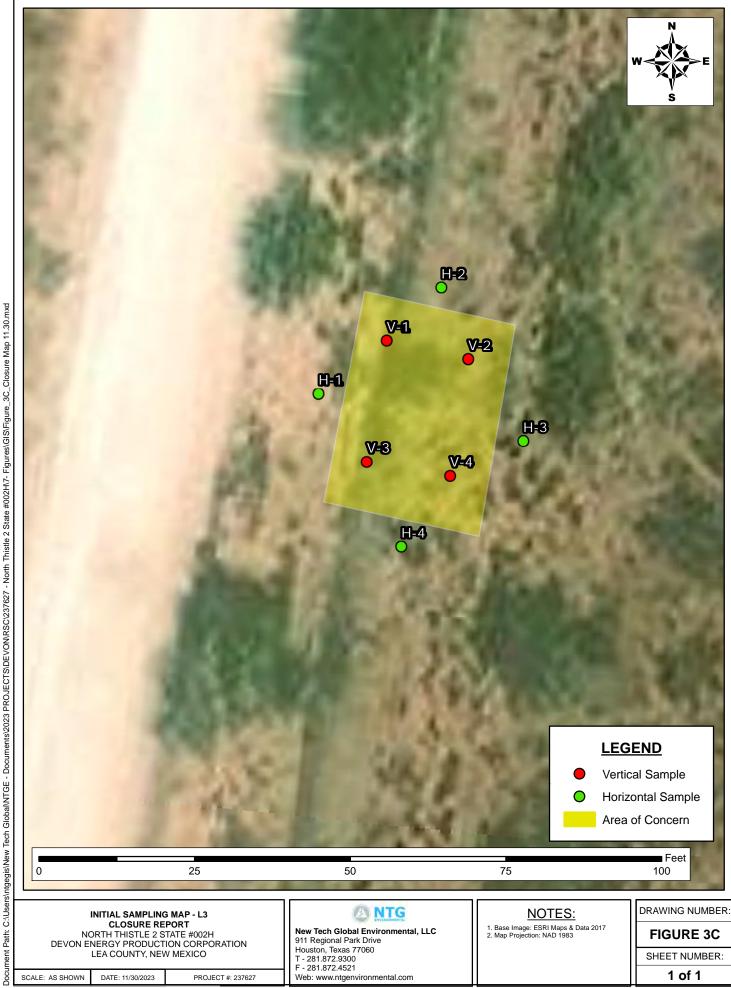
F - 281.872.4521 Web: www.ntgenvironmental.com

Released to Imaging: 1/16/2024 11:54:39 AM

DATE: 09/20/2023

PROJECT #: 237627

SCALE: AS SHOWN

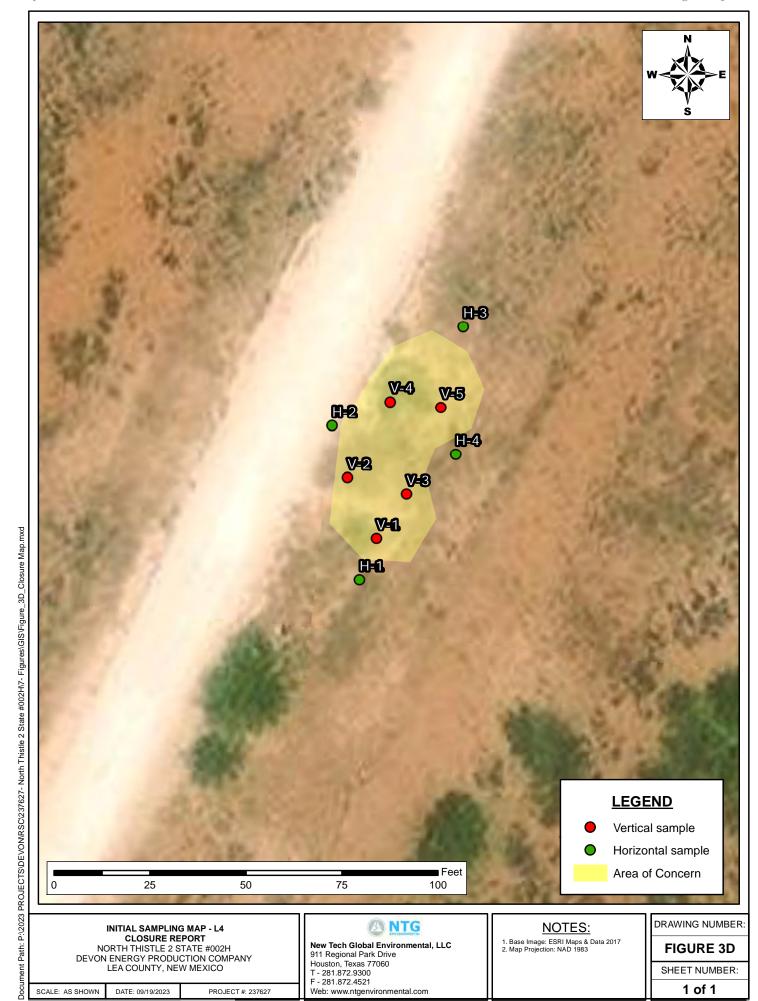


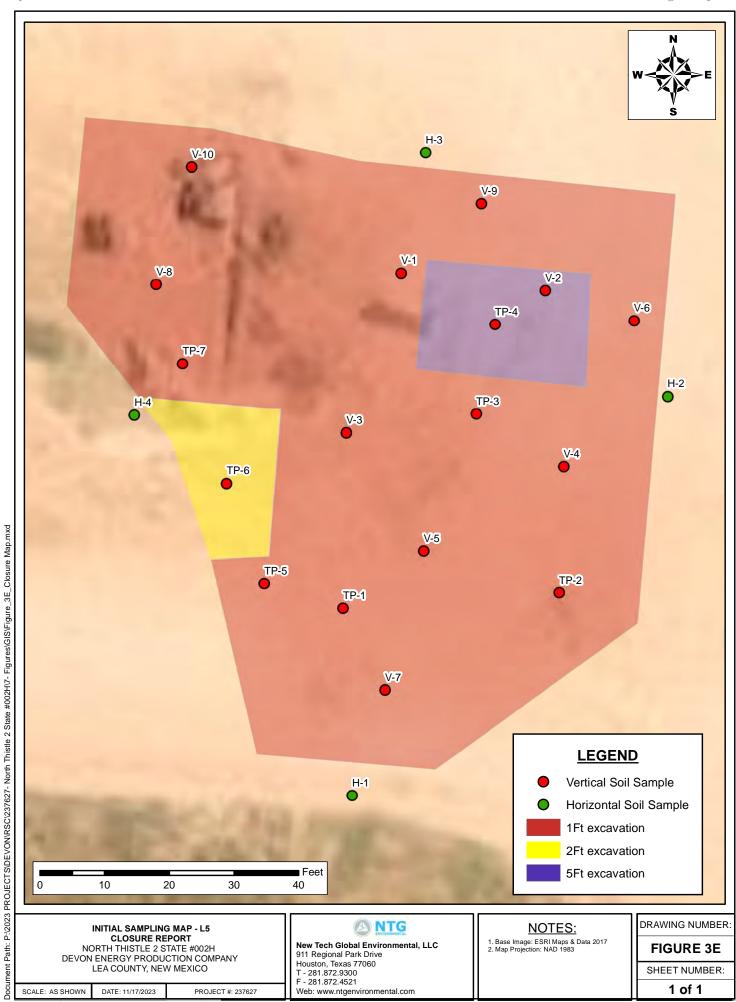
PROJECT #: 237627 SCALE: AS SHOWN DATE: 11/30/2023 Released to Imaging: 1/16/2024 11:54:39 AM

FIGURE 3C

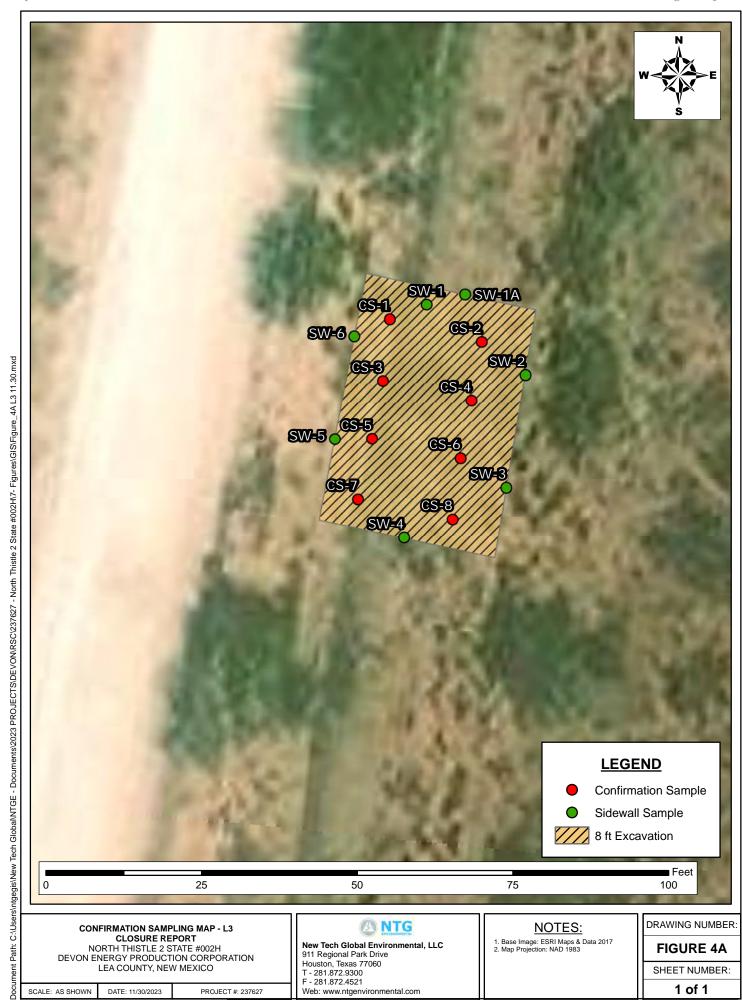
SHEET NUMBER:

1 of 1





SHEET NUMBER: 1 of 1



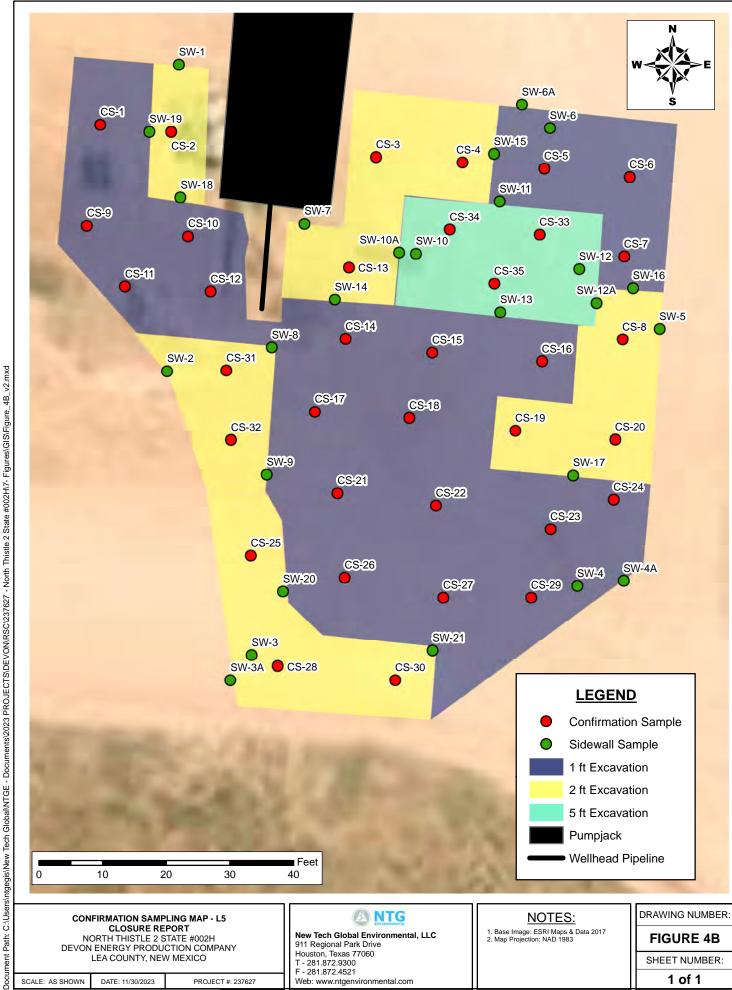
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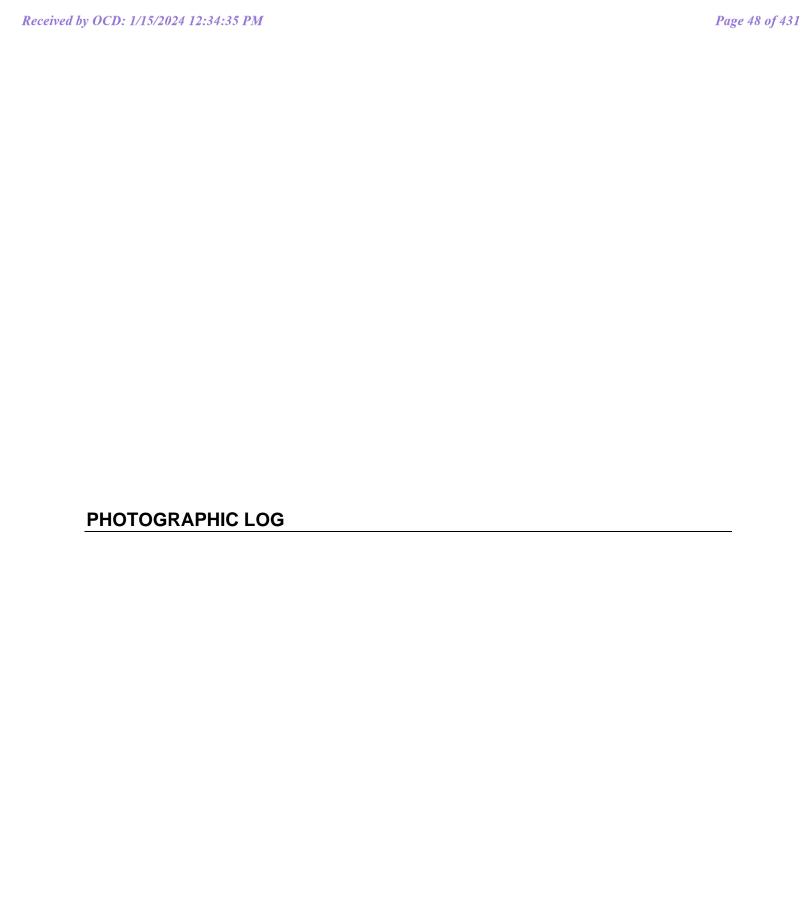
SCALE: AS SHOWN

LEA COUNTY, NEW MEXICO

PROJECT #: 237627

DATE: 11/30/2023





Devon Energy Production Company North Thistle 2 State #002H

Photograph No. 1

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L1.



Photograph No. 2

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L1.



Photograph No. 3

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L1.



Devon Energy Production Company North Thistle 2 State #002H

Photograph No. 4

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L2.



Photograph No. 5

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L2.



Photograph No. 6

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L2.



Devon Energy Production Company North Thistle 2 State #002H

Photograph No. 7

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L3.



Photograph No. 8

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L3.



Photograph No. 9

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L3.



Devon Energy Production Company North Thistle 2 State #002H

Photograph No. 10

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L4.



Photograph No. 11

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L4.



Photograph No. 12

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L4.



Devon Energy Production Company North Thistle 2 State #002H

Photograph No. 13

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L5.



Photograph No. 14

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L5.



Photograph No. 15

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

Area of Concern - L5.



Devon Energy Production Company North Thistle 2 State #002H

Photograph No. 16

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

Description:

View of the Excavation - L3.



Photograph No. 17

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

View of the Excavation - L3.



Photograph No. 18

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

Description:

View of the Excavation - L3.



Devon Energy Production Company North Thistle 2 State #002H

# Photograph No. 19

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

Description:

View of the Excavation - L5.



### Photograph No. 20

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

**Description:** 

View of the Excavation - L5.



### Photograph No. 21

Facility: North Thistle 2 State #002H

County: Lea County, New Mexico

Description:

View of the Excavation - L5.



Received by OCD: 1/15/2024 12:34:35 PM	Page 56 of 431
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	



August 24, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L1

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 13:30.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: V - 1 (0-6") (H234502-01)

BTEX 8021B

DILX 6021D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



#### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 2 (0-6") (H234502-02)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 2 (6"-1") (H234502-03)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	71.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.3	% 49.1-14	8						

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Celeg D. Freene



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 3 (0-6") (H234502-04)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
<0.300	0.300	08/24/2023	ND					
102	% 71.5-13	4						
mg,	/kg	Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	08/23/2023	ND	416	104	400	3.77	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
<10.0	10.0	08/23/2023	ND					
98.0	% 48.2-13	4						
106	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300  102 mg,  Result 16.0 mg,  Result <10.0 <10.0 <98.0	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 To 2 % To 3.5-13 mg/kg Result Reporting Limit 16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <p< td=""><td>&lt;0.050</td>       0.050       08/24/2023         &lt;0.050</p<>	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (6"-1") (H234502-05)

BTEX 8021B

DILX GOZID	11197	K9	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 3 (1-1.5') (H234502-06)

BTEX 8021B

DILX GOZID	11197	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 4 (0-6") (H234502-07)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	70.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 4 (6"-1") (H234502-08)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 4 (1-1.5') (H234502-09)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 4 (1.5-2') (H234502-10)

BTEX 8021B

	9/	·-9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 5 (0-6") (H234502-11)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 5 (6"-1") (H234502-12)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 6 (0-6") (H234502-13)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Reported:

08/24/2023 Sampling Type: NORTH THISTLE 2 STATE #002H L1 Sampling Condition:

Project Name: Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/16/2023

Sample Received By:

Soil Cool & Intact

Tamara Oldaker

### Sample ID: V - 6 (6"-1") (H234502-14)

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	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 49.1-14	8						

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#### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 6 (1-1.5') (H234502-15)

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	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Sampling Date:

08/16/2023

Reported:

08/18/2023 08/24/2023

Sampling Type:

Soil

Project Name:

Received:

BTEX 8021B

NORTH THISTLE 2 STATE #002H L1

mg/kg

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

237627

57027

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 1 (SURFACE) (H234502-16)

DILX GOZID	ıııg,	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Reported: 08/24/2023

Project Name: NORTH THISTLE 2 STATE #002H L1

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/16/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: H - 2 (SURFACE) (H234502-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	70.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.6	% 49.1-14	8						

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08/16/2023

Soil

### Analytical Results For:

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

Received: 08/18/2023 Sampling Date:
Reported: 08/24/2023 Sampling Type:

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 3 (SURFACE) (H234502-18)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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### Analytical Results For:

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

08/18/2023

Sampling Date: 08/16/2023

Reported: 08/24/2023

Received:

Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Project Number: 237627

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 4 (SURFACE) (H234502-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	73.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 5 (SURFACE) (H234502-20)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.6	200	5.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	180	89.8	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	73.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

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Celey D. Keine



08/16/2023

### Analytical Results For:

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

Received: 08/18/2023 Sampling Date:

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L1 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 6 (SURFACE) (H234502-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	< 0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keine



### **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  $6^{\circ}\text{C}$ 

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

# Chain of Custody



City, State ZIP:

432-766-1918 Carlsbad NM, 88220 209 West McKay Street Company Name:

NTG Environmental

Address: City, State ZIP:

Company Name: Bill to: (if different)

Devon Energy

Wesley Mathews

Artesia, NM 88210 6488 Seven Rivers Highway

Deliverables: EDCX

Reporting:Level ☐ Level ☐ PST/U{

TR-P

State of Project:

Program: UST/PS□ PR□ Brownfie□s

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**Work Order Comments** 

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of

THORE:	407-700-1310		Email	Email: Wesley.Mathews@dvn.com	hews@dv	n.com						L	Deliv	Deliverables: EDUX	s: ED	×	A	ADaP1		Other:
	North Thisle 2 State #002H L1	#002H L1	Tun	Turn Around	0					AI	ANALYS	LYSIS REQUEST	QUEST						Preser	Preservative Codes
Project Number:	237627		✓ Routine	Rush	Code	6 Y										_	$\dashv$	No	None: NO	DI Water H.O.
Project Location	Lea Co, New Mexico	xico	Due Date:		- 3		+			4	+	+			1	4	+	) ;		Di watel. H <sub>2</sub> O
Sampler's Name:	Grant Gardner/Alex Gavia	x Gavia	TAT starts the	day received by	7		RO)			_	_					_	_	5 6	C001. C001	MEOH: Me
PO#	21198816		lab, if rece	lab, if received by 4:30pm			+ MF				_					_	_	2 7	HCL HC	HNO3: HN
SAMPLE RECEIPT	Temp Blank:	Yes A	No Wet Ice:	Yes (No	eter	В	RO	00			_				_		_	172	n2004. n2	NAOH: Na
Received Intact:	Yes No	Thermo	0	140	1	021	_	45		_	_					_	n	_	חשרטק. חדי	5
Cooler Custody Seals:	Yes No NIA		Correction Factor		Pai	EX 8		oride		_	_						101	IOL	Namout NABIS	Bio
Sample Custody Seals:	Yes No (N/A)		Temperature Reading:	N X S		вт	_	Chl									_		Nazozoa Nasoa	3003
Total Containers	21		ed Temperature	- 1	1	_	015			_	_					_	_	112	Zn Abelale+NaOH: Zn	NAOH: Zn
		Control	Concourd temperature.		+	1_	PH 80			_	_					_	_	Na	OH+Ascor	NaOH+Ascorbic Acid: SAPC
Sample Identification	ation Date	Time	Soil	Water Comp	mp Cont	# -	TP			_							-		Sample	Sample Comments
V-1 (0-6")	8/16/2023	23 10:00	×	Grab	ab 1	×	×	×		+	+	+			1	+	+	+		
V-2 (0-6")	8/16/2023	23 10:03	×	Grab	ab 1	×	×	×		+	+	1			1	+	+	+		
5 V-2 (6"-1")	8/16/2023	23 10:06	×	Gr	Grab 1	×	×	×	1	+	+	+			1	+	+	+		
4 V-3 (0-6")	8/16/2023	23 10:09	×	Grab	ab 1	×	+	×	1	+	+	+			1	+	+	+		
V-3 (6"-1")	8/16/2023	23 10:12	×	Grab	ab 1	×	×	×	1	+	+	1			4	+	+	+		
V-3 (1-1.5)	8/16/2023	23 10:15	×	Grab	ab 1	×	×	×	1	+	+	1			4	+	+	+		
V-4 (0-6")	8/16/2023	23 10:18	×	Grab	ab 1	×	+	×	1	+	+	+			4	+	+	+		
8 V-4 (6"-1)	8/16/2023	23 10:21	×	Grab	ab 1	×	×	×	4	+	+	1		1	4	+	+	+		
V-4 (1-1.5)	8/16/2023	23 10:24	×	Grab	ab 1	×	×	×	4	+	+	1			4	+	+	+		
V-4 (1.5-2)	8/16/2023	23 10:27	×	Grab	ab 1	×	×	×	Ц		+				1	+	+	+		
Additional	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 necotiated.	nent and relinquishment of s only for the cost of samples of \$85.00 will be applied to ea	amples consti and shall not ach project and	tutes a valid purchas assume any respons a charge of \$5 for e	se order from clier sibility for any lose ach sample subm	nt company t ses or expen-	o Xenco ses incu	its affili med by t	ates and a he client i	ubcontra f such lo	ctors. It	assigns :	standard cumstan	terms ar	nd condi	tions					
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Grant Gardner	Kell	1	8/17/23	MODE. H	3			22	1	000	2		0		011	118	1		1	8-18-23 133
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Work Order No: 4234502

Project Manager: Company Name:

Ethan Sessums

NTG Environmental

Bill to: (if different)

Company Name:

Wesley Mathews Devon Energy

City, State ZIP:

Carlsbad NM, 88220

City, State ZIP:

Artesia, NM 88210

Reporting:Level ☐ Level ☐ PST/U{]

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State of Project:

Program: UST/PS PR Brownfie s

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**Work Order Comments** 

Page

of

6488 Seven Rivers Highway

209 West McKay Street

# Chain of Custody





Phone: 432-	432-766-1918		Email:	Email:   Wesley.Mathews@dvn.com	athews(	@dvn.co	mom				Dell	Deliverables, EDUA	ADaPIL	Uner:
	North Thisle 2 State #002H L1	12H L1	Turr	Turn Around						ANALYS	LYSIS REQUEST	T		Preservative Codes
Project Number:	237627		Routine	Rush		Code		_					No	None: NO DI Water H <sub>2</sub> O
Project Location	Lea Co, New Mexico	ö	Due Date:					-	+		+		2	
Sampler's Name:	Grant Gardner/Alex Gavia	avia	TAT starts the day received by the	day received	by the			(O)	_	_	_		5	2
PO#	21198816		lab, if rece	lab, if received by 4:30pm	3 5	s	_	+ MF	_		_		100	
SAMPLE RECEIPT	Temp Blank:	Yes No	) Wet Ice:	Yes	3	eter	В	-		_			2541	1204- H2 NAON, NA
Received Intact:	Yes No		eter ID:			ram	3021							Marcy NABIS
Cooler Custody Seals:	Yes No NIA	Correction Factor	Factor	1	1	Pa	EX 8		-110		_		HOL	Na CO Naco
Sample Custody Seals:	No	Temperat	Temperature Reading:	u.	29		вт	Chic	-		_			Za Acetatat Nach. Za
Total Containers:	21	Corrected	Tomografius.	1	1			-	_	_	_	_	ZII.	Zn Acetate+NaUH: Zn
Total Collidities.	12	Corrected	Corrected Lemperature:					H 80	_				Nac	NaOH+Ascorbic Acid: SAPC
Sample Identification	tion Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPF						Sample Comments
V-5 (0-6")	8/16/2023	10:30	×		Grab	-	×	×	-		+			
V-5 (6-1')	8/16/2023	10:33	×	-	Grab	-	×	×	-					
V-6 (0-6")	8/16/2023	10:36	×		Grab	-	×	×			+			
V-6 (6"-1)	8/16/2023	10:39	×		Grab	-	×	+			+		+	
V-6 (1-1.5')	8/16/2023	10:42	×	-	Grab	-	×	×			+			
H-1 (surface)	8/16/2023	10:45	×	0	Grab	-	×	×	-		+			
H-2 (surface)	8/16/2023	10:48	×	_	Grab	-	×	×	8	-	+		+	
H-3 (surface)	8/16/2023	10:51	×	0	Grab	-	×	×			+		+	
H-4 (surface)	8/16/2023	10:54	×	0	Grab	_	×	×			1		-	
H-5 (surface)	8/16/2023	10:57	×	0	Grab	-	×	×						
Additional Comments:	comments:													
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Grant Gardner	line.	M	8/17	93	Ц	4200 pm	MA		2			"Allen	a) Vilda	27.21.2
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5									1					

Work Order No: H234502

Page 25 of 26

City, State ZIP:

Carlsbad NM, 88220 209 West McKay Street

Address: City, State ZIP:

Artesia, NM 88210

6488 Seven Rivers Highway

State of Project:

Program: UST/PS PR Brownfie s

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**Work Order Comments** 

Reporting:Level ☐ Level ☐ PST/U{

TRO

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Company Name:

NTG Environmental

Phone: 43	432-766-1918			Email:	Email: Wesley.Mathews@dvn.com	hews@dv	n.com						L	Del	Deliverables: EDDX	les: E	gg		AD	ADaP10		Other:	
Project Name:	North Thisle	North Thisle 2 State #002H L1	2H L1	Tum	Turn Around						AI	ANALYS	IS RE	SIS REQUEST	18						Pres	ervat	Preservative Codes
Project Number:		237627		Routine	Rush	Code	o y						_	-						Nor	None: NO		DI Water: H <sub>2</sub> O
Project Location	Lea Co	Lea Co, New Mexico		Due Date:							$\dashv$	$\dashv$	+	+	+	1	$\forall$	$\forall$	+	Coc	Cool: Cool		MeOH: Me
Sampler's Name:	Grant Ga	Grant Gardner/Alex Gavia	avia	TAT starts the	TAT starts the day received by the	the		RO)			_	_	_	_					_	HC	HCL: HC		HNO. HN
PO無		21198816		lab, if rece	lab, if received by 4:30pm			+ M			_	_	_			_				S'H	H,S0.: H,		NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	) Wet lice:	Yes , No	eter	В	DRO	00		_	_	_		_			_		Į,	H,PO. HP		
Received Intact:	Xes	S) No		eter ID:		_	8021	) + I	e 45			_	_	_		_			Ď	Nat .	NaHSO, NABIS	VARIS	
Cooler Custody Seals:	Yes	0 1	Correction Factor.	Factor:	1	Pa	EX	GR	lorid		_	_	_	_			_	_	ног	Na i	Na,S,O, NaSO,	VaSO.	
Sample Custody Seals:			Temperat	Temperature Reading:	38.8		B1	5M (	Chi		_	_	_	_			_			Zn /	Zn Acetate+NaOH: Zn	+NaO	H- Zn
Total Containers:			Corrected	Corrected Temperature:	1		_	801			_	_	_	_	_			_	_	NaC	OH+Asc	corbic	NaOH+Ascorbic Acid: SAPC
Sample Identification	cation	Date	Time	Soil	Water Gr	Grab/ # of	4 -	ТРН			_		_							1	Sam	ple C	Sample Comments
H-6 (surface)	(6)	8/16/2023	11.00	<	Crah	+		,		1	+	+	+	$^{+}$	t	Ť	t	t	†	t	ì		
							+	$\Box$			-	++	++		+			+		+	Ш		
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						+	+				+	+	+	+	+	+	+						
							+	$^{\dagger}$			+	+	+	+	$\top$	П		П	$\forall$	П			
						-	H				H	-	-	H				$\vdash$		Г			
Additiona	Additional Comments:	y:																					
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 \$55.00 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 regotiated.	ument and reling lie only for the co of \$85.00 will be	uishment of samp st of samples and applied to each p	les constitu shall not as	tes a valid purchas sume any respons charge of \$5 for e	se order from clie sibility for any los ach sample subn	nt company i	to Xenco	its affilia rred by to t analyze	ates and he client ed. Thesi	subcontr if such lo	sses are	assigna due to c	standa rcumstr	ns standard terms and condition circumstances beyond the countries previously negotiated.	and co	ndition: e contro	<u> </u>						
Relinquished by: (Signature)	Signature)		Receive	Received by: (Signature)	ire)		Date	Date/Time		Reli	Relinquished by	-	(Signature)	ature)		Rec	eived	by: (	Received by: (Signature	ure)			Date/Time
Grant Gardner		W		8/17	1 23	4%	woon	3		2 /	2			0		0	100	2		A	N	8-18	823
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						-			L						r								

Work Order No:
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Page 26 of 26

Revised Date 05012020 Rev. 2020.1



August 25, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L2

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 13:30.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

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Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (0-6") (H234504-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (0-6") (H234504-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (0-6") (H234504-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	< 0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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Celey D. Keine



Tamara Oldaker

### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023 Reported: Soil

08/25/2023 Sampling Type: Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact

Project Number: Sample Received By: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 4 (0-6") (H234504-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 5 (0-6") (H234504-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 6 (0-6") (H234504-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	166	83.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.7	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023

Reported: 08/25/2023

Project Name: NORTH THISTLE 2 STATE #002H L2

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/16/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: H - 1 (SURFACE) (H234504-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	166	83.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.7	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 2 (SURFACE) (H234504-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	< 0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	166	83.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.7	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L2 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 3 (SURFACE) (H234504-09)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	166	83.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.7	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

08/18/2023 08/25/2023

Project Name: NORTH THISTLE 2 STATE #002H L2

Project Number: 237627

Received:

Reported:

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/16/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: H - 4 (SURFACE) (H234504-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	166	83.1	200	1.20	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.7	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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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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Celeg D. Freene



City, State ZIP:

Carlsbad NM, 88220

City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway

Reporting:Level | Level | PST/U{||}

TRO

State of Project:

Program: UST/PS PR Brownfie s

R

Supe

**Work Order Comments** 

of

Devon Energy Wesley Mathews

Bill to: (if different) Company Name:

209 West McKay Street

ddress:

Company Name:

NTG Environmental

ANA	Rush Pres. Code  O
Pres. Code MRO)	Pres. Code O)
GRO + DRO + MRO)  Joride 4500	GRO + DRO + MRO)  ANALYSIS REQUEST  ANALYSIS REQUEST
ANALYSIS REQUES	Chloride 4500
ANALYSIS REQUES	LYSIS REQUEST

Work Order No: 1234504



August 24, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L3

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 13:30.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

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Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

 Received:
 08/18/2023
 Sampling Date:
 08/16/2023

 Reported:
 08/24/2023
 Sampling Type:
 Soil

Reported: 08/24/2023 Sampling Type: Soil
Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact

Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (0-6") (H234501-01)

DTEV 0021D

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	189	94.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	178	89.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (6"-1') (H234501-02)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (	PID 101 9	% 71.5-13	14						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	189	94.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	178	89.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	114 %	% 49.1-14	18						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (1-1.5') (H234501-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	189	94.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	178	89.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Sample Received By:

08/16/2023

Tamara Oldaker

### Analytical Results For:

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

08/18/2023 Sampling Date:

Reported: 08/24/2023 Sampling Type: Soil Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact

Project Number: 237627

Received:

Project Location: DEVON - LEA CO., NEW MEXICO

110 %

49.1-148

Sample ID: V - 1 (1.5-2') (H234501-04)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/23/2023	ND	416	104	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	08/23/2023	ND	189	94.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	178	89.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						

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Surrogate: 1-Chlorooctadecane



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (2-2.5') (H234501-05)

BTEX 8021B

DIEX GOZID	mg/ kg		Allulyzo	Analyzea by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/23/2023	ND	416	104	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	08/23/2023	ND	189	94.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	178	89.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (2.5-3') (H234501-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	08/23/2023	ND	416	104	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	08/23/2023	ND	189	94.6	200	5.51	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	178	89.2	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023

08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (3-3.5') (H234501-07)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Applyzod By: MC

Sampling Date: 08/16/2023

08/18/2023 Reported: 08/24/2023

Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (3.5-4') (H234501-08)

Received:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (4-4.5') (H234501-09)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	08/23/2023	ND	416	104	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	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 1 (4.5-5') (H234501-10)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/23/2023	ND	416	104	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	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

08/18/2023

08/24/2023 NORTH THISTLE 2 STATE #002H L3

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/16/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

### Sample ID: V - 2 (0-6") (H234501-11)

Received:

Reported:

Project Name:

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	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	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (6"-1") (H234501-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 08/18/2023

Sampling Date: 08/16/2023

Reported: Project Name: 08/24/2023 NORTH THISTLE 2 STATE #002H L3 Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number: 237627 Project Location:

DEVON - LEA CO., NEW MEXICO

Sample ID: V - 2 (1-1.5') (H234501-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	18						

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Celecy D. Keene



### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (1.5-2') (H234501-14)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	R						

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Celey D. Keine



### Analytical Results For:

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

Fax

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (2-2.5') (H234501-15)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (2.5-3') (H234501-16)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.7	2.00	4.36	
Toluene*	<0.050	0.050	08/23/2023	ND	1.90	94.8	2.00	4.88	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	96.8	2.00	5.67	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.85	97.5	6.00	4.94	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (3-3.5') (H234501-17)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023

Sampling Date:

08/16/2023

Reported:

08/24/2023

Sampling Type:

Soil

Project Name:

BTEX 8021B

NORTH THISTLE 2 STATE #002H L3

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number: Project Location:

237627

DEVON - LEA CO., NEW MEXICO

Sample ID: V - 2 (3.5-4') (H234501-18)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (4-4.5') (H234501-19)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.1	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Гах

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 2 (4.5-5') (H234501-20)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (0-6") (H234501-21)

BTEX 8021B

DIEX OUZID	ıııg,	ng .	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (6"-1") (H234501-22)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (1-1.5') (H234501-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (1.5-2') (H234501-24)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (2-2.5') (H234501-25)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (2.5-3') (H234501-26)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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### Analytical Results For:

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

Fax

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (3-3.5') (H234501-27)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (3.5-4') (H234501-28)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023

Sampling Date:

08/16/2023

Reported: Project Name: 08/24/2023

Sampling Type:

Soil Cool & Intact

Project Name.

BTEX 8021B

NORTH THISTLE 2 STATE #002H L3

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Number: Project Location:

Sample ID: V - 3 (4-4.5') (H234501-29)

237627 DEVON - LEA CO., NEW MEXICO

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
·			•			,	•		Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.7	% 49.1-14	8						

Analyzed By: MS

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 3 (4.5-5') (H234501-30)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 4 (0-6") (H234501-31)

RTFY 8021R

B1EX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 4 (6"-1") (H234501-32)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237627

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 4 (1-1.5') (H234501-33)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 4 (1.5-2') (H234501-34)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celeg & Keene



### Analytical Results For:

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

08/18/2023 Sampling Date:

Analyzed By: MS

08/16/2023

Reported: Project Name:

Received:

BTEX 8021B

08/24/2023

Sampling Type:

Soil

Project Name:

NORTH THISTLE 2 STATE #002H L3

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

## Sample ID: V - 4 (2-2.5') (H234501-35)

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

## Sample ID: V - 4 (2.5-3') (H234501-36)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.08	104	2.00	0.563	
Toluene*	<0.050	0.050	08/24/2023	ND	2.11	106	2.00	2.02	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.07	104	2.00	0.936	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.23	104	6.00	0.284	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 4 (3-3.5') (H234501-37)

RTFY 8021R

31EX 8021B	mg/	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
oluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
thylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
otal Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
otal BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (Pl	D 102 9	% 71.5-13	14						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/23/2023	ND	416	104	400	0.00	
PH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	18						

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Celeg D. Kreene



### Analytical Results For:

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

Applyzod By: MC

08/18/2023 Reported: 08/24/2023

Project Name: NORTH THISTLE 2 STATE #002H L3

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/16/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

## Sample ID: V - 4 (3.5-4') (H234501-38)

Received:

RTFY 8021R

BIEX 8021B	mg/	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: V - 4 (4-4.5') (H234501-39)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 1 (SURFACE) (H234501-40)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celeg D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Reported:

08/24/2023 NORTH THISTLE 2 STATE #002H L3

Project Name: Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/16/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

## Sample ID: H - 2 (SURFACE) (H234501-41)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: H - 3 (SURFACE) (H234501-42)

BTEX 8021B

DILX GOZID	11197	K9	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/16/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: H - 4 (SURFACE) (H234501-43)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.99	99.5	2.00	0.264	
Toluene*	<0.050	0.050	08/24/2023	ND	1.98	99.2	2.00	0.350	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.04	102	2.00	0.864	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.15	103	6.00	1.01	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	174	87.0	200	3.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	188	94.0	200	5.72	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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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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Project Manager:       Ethan Sessums       Bill to: (if different)       Wesley Mathews         Company Name:       NTG Environmental       Company Name:       Devon Energy         Address:       209 West McKay Street       Address:       6488 Seven Rivers Highway         City, State ZIP:       City, State ZIP:       Artesia, NM 88210         Phone:       254-268-5456       Email: Wesley.Mathews@dvn.com	Bill to: (if different)  Company Name: Devon Energy Address: City, State ZIP: Artesia, NM 882	ENVIRONMENTAL  Ethan Sessums  NTG Environmental  209 West McKay Street  Carlsbad NM, 88220  254-266-5456
Manager: Ethan Sessums  NTG Environmental Company Name: 209 West McKay Street Address: Carlsbad NM, 88220 City, State ZIP:	e:	9 H
e: NTG Environmental Environmental Company Name:  209 West McKay Street Address:		9 5
Ethan Sessums  Bill to: (if different)  NTG Environmental  Company Name:		
Ethan Sessums Bill to: (if different)		
		ENVIRONMENTAL

Lea Co, New Mexico   Due Date:   Grant Gardner/Alex Gavia   TAT starts the day received by the   21198816   TAT starts the day received by 4:30pm   Yes   No   (Ves   No   Thermometer ID:   Yes   No   Ves   No   Thermometer ID:   Yes   No   Ves   No   Ves   No   Thermometer ID:   Yes   No   Ves   No   No   No   No   No   No   No   N	Lea Co, New Mexico   Due Date:   Code	Project Number:	North Thisle 2 State #002H L3 237627	#002H L3	Turn .	Turn Around	Pres.			
Carant Gardner/Alex Gavia	RECEIPT   Temp Blank:   This starts the day received by 4-30pm   The monowed by 4-30pm   The start the day received by 4-30pm   The Blank:   This starts the day received by 4-30pm   This starts and auditocontactors.   This paper is dead throw the starts approach to control th	ration .	Los Co Now Mo		Noune	KUSN	Code			
T   Temp Blank:	Comparison   Com	Sampler's Name:	Grant Gardner/Alex	Gavia	Due Date:				0)	
Temp Blank:   Yes   No   Wet Ice:   Yes   No   Yes   No   Thermometer ID:   Yes   No   Wet Ice:   Yes   No   Yes   No   Yes   Yes   Yes   No   Yes   Y	Part   Temp Blank:   Yes   No   Wes   Ios:   Yes   No   Wes   No   Wes   No   Wes   No   Was   Correction Factor:   Part   Yes   No   Was   Part   No   Wa	PO#:	21198816	10	lab, if receiv	ed by 4:30pm			MR	
Yes         No         Thermometer ID:         //O         Parall         Parall         ABIT SM         Parall         Parall<	Seals:   Yes   No   (N/A   Correction Factor:   Yes   No   (N/A   Correction Factor:   Yes   No   (N/A   Temperature Reading:   Seals:   Yes   No   (N/A   Temperature Reading:   Seals:   Yes   No   (N/A   Temperature Reading:   Seals:   Yes   No   (N/A   Temperature:   Yes   No   N/A   Yes   No   No   (N/A   Yes   Yes   No   N/A   Yes   Yes   No   No   No   No   No   No   No   N	SAMPLE RECEIPT	Temp Blank:	X SO	Wet Ice:		eter	В	RO -	00
Yes         No         N/A         Correction Factor:         Page 1         Sec         Page 2	Balls:         Yes         No         (V/A)         Correction Factor:         Temperature         As         As         As         As         Corrected Temperature:         As	Received Intact:	(Yes) No	Thermometer		1	ame	021	+ D	450
Seals:         Yes         No         M/A         Temperature Reading:         5.8c         English           ddentification         Date         Time         Soil         Water Comp         Grab/ Comt         # of Comp         F of Com	Part	Cooler Custody Seals:	No	Correction Fa	ctor:	1	Par	EX 8	GRO	oride
Hart   Corrected Temperature:	Hentification   Date   Time   Soil   Water   Grab   # of   E   Water   Comp   Cont   E   X	Sample Custody Seals:	No	Temperature I	Reading:			вт	м (	Chle
Date         Time         Soil         Water Comp         Grab Comp         # of Comp         PE           8/16/2023         1:00 PM         X         Grab         1         X         X           8/16/2023         1:00 PM         X         Grab         1         X         X           8/16/2023         1:06 PM         X         Grab         1         X         X           8/16/2023         1:09 PM         X         Grab         1         X         X           8/16/2023         1:12 PM         X         Grab         1         X         X           8/16/2023         1:15 PM         X         Grab         1         X         X           8/16/2023         1:21 PM         X         Grab         1         X         X           8/16/2023         1:24 PM         X         Grab         1         X         X <td>  Co-6"   B/16/2023   1:00 PM</td> <td>otal Containers:</td> <td>43</td> <td>Corrected Ter</td> <td>nperature:</td> <td></td> <td></td> <td></td> <td>8015</td> <td></td>	Co-6"   B/16/2023   1:00 PM	otal Containers:	43	Corrected Ter	nperature:				8015	
Date         Time         Soil         Water Comp         Comp         For Comp         For Comp           8/16/2023         1:00 PM         X         Grab         1         X         X           8/16/2023         1:00 PM         X         Grab         1         X         X           8/16/2023         1:06 PM         X         Grab         1         X         X           8/16/2023         1:09 PM         X         Grab         1         X         X           8/16/2023         1:12 PM         X         Grab         1         X         X           8/16/2023         1:15 PM         X         Grab         1         X         X           8/16/2023         1:21 PM         X         Grab         1         X         X           8/16/2023         1:24 PM         X         Grab         1         X         X <td>  Cofe"   Soil   Water   Comp   Cont   For   Cont   Cont  </td> <td></td> <td></td> <td></td> <td></td> <td>Grahl</td> <td></td> <td></td> <td>РН 8</td> <td></td>	Cofe"   Soil   Water   Comp   Cont   For   Cont					Grahl			РН 8	
8/16/2023       1:00 PM       x       Grab       1       x       x         8/16/2023       1:03 PM       x       Grab       1       x       x         8/16/2023       1:05 PM       x       Grab       1       x       x         8/16/2023       1:109 PM       x       Grab       1       x       x         8/16/2023       1:12 PM       x       Grab       1       x       x         8/16/2023       1:15 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:27 PM       x       Grab       1       x       x         8/16/2023       1:27 PM       x       Grab       1       x       x	(0-6") 8/16/2023 1:00 PM	Sample Identification		Time			# of		TP	
8/16/2023       1:03 PM       X       Grab       1       X       X         8/16/2023       1:06 PM       X       Grab       1       X       X         8/16/2023       1:09 PM       X       Grab       1       X       X         8/16/2023       1:12 PM       X       Grab       1       X       X         8/16/2023       1:15 PM       X       Grab       1       X       X         8/16/2023       1:21 PM       X       Grab       1       X       X         8/16/2023       1:24 PM       X       Grab       1       X       X         8/16/2023       1:27 PM       X       Grab       1       X       X         8/16/2023       1:27 PM       X       Grab       1       X       X	(6°-1') 8/16/2023 1:03 PM	V-1 (0-6")	8/16/2023	1:00 PM	×	Grab	_	×	×	×
8/16/2023       1:06 PM       x       Grab       1       x       x         8/16/2023       1:09 PM       x       Grab       1       x       x         8/16/2023       1:12 PM       x       Grab       1       x       x         8/16/2023       1:15 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:24 PM       x       Grab       1       x       x         8/16/2023       1:27 PM       x       Grab       1       x       x	1-1.5') 8/16/2023 1:06 PM	V-1 (6"-1")	8/16/2023	1:03 PM	×	Grab	_	×	×	×
8/16/2023         1:09 PM         x         Grab         1         x         x           8/16/2023         1:12 PM         x         Grab         1         x         x           8/16/2023         1:15 PM         x         Grab         1         x         x           8/16/2023         1:18 PM         x         Grab         1         x         x           8/16/2023         1:21 PM         x         Grab         1         x         x           8/16/2023         1:24 PM         x         Grab         1         x         x           8/16/2023         1:27 PM         x         Grab         1         x         x	1.5-2')	V-1 (1-1.5')	8/16/2023	1:06 PM	×	Grab	1	×	×	×
8/16/2023       1:12 PM       x       Grab       1       x       x         8/16/2023       1:15 PM       x       Grab       1       x       x         8/16/2023       1:18 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:24 PM       x       Grab       1       x       x         8/16/2023       1:27 PM       x       Grab       1       x       x	2-2.5')  8/16/2023  1:15 PM  x  Grab  1	V-1 (1.5-2')	8/16/2023	1:09 PM	×	Grab	_	×	×	×
8/16/2023       1:15 PM       x       Grab       1       x       x         8/16/2023       1:18 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:24 PM       x       Grab       1       x       x         8/16/2023       1:27 PM       x       Grab       1       x       x	2.5-3')  8/16/2023  1:18 PM  X  Grab  1 X X X  3.3-5-4')  8/16/2023  1:21 PM  X  4.5-5')  8/16/2023  1:24 PM  X  4.5-5')  8/16/2023  1:27 PM  X  4:Warment and relinquishment of samples constitutes a valid purchase order from client company to Xenco, lts affiliates and subcontract be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such loss charge of \$5.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will by: (Signature)  Pate/Time  Received by: (Signature)  Received by: (Signature)  Received by: (Signature)  Received by: (Signature)	V-1 (2-2.5')	8/16/2023	1:12 PM	×	Grab	_	×	×	×
8/16/2023       1:18 PM       x       Grab       1       x       x         8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:24 PM       x       Grab       1       x       x         8/16/2023       1:27 PM       x       Grab       1       x       x	3-3.5')  8/16/2023  1:21 PM  X  Grab  1  X  X  X  4-4.5')  8/16/2023  1:24 PM  X  4-5.5')  8/16/2023  1:27 PM  X  4-5.5')  8/16/2023  1:27 PM  X  Grab  1  X  X  X  X  X  X  X  X  4-5.5')  8/16/2023  1:27 PM  X  Grab  1  X  X  X  X  X  X  X  X  4-5.5')  8/16/2023  1:27 PM  X  Grab  1  X  X  X  X  X  X  X  4-5.5')  8/16/2023  1:27 PM  X  Grab  1  X  X  X  X  X  X  A.5.5')  B/16/2023  1:27 PM  X  A.5.5')  B/16/2023  A/10  A	V-1 (2.5-3')	8/16/2023	1:15 PM	×	Grab	_	×	×	×
8/16/2023       1:21 PM       x       Grab       1       x       x         8/16/2023       1:24 PM       x       Grab       1       x       x         8/16/2023       1:27 PM       x       Grab       1       x       x	3.5-4')  8/16/2023 1:21 PM	V-1 (3-3.5')	8/16/2023	1:18 PM	×	Grab	_	×	×	×
8/16/2023         1:24 PM         x         Grab         1         x         x           8/16/2023         1:27 PM         x         Grab         1         x         x	4.5-5')  8/16/2023  1:24 PM  X  Grab  1 X X X  4.5-5')  8/16/2023  1:27 PM  X  Grab  1 X X X  X  4:5-5')  8/16/2023  1:27 PM  X  4:5-5')  8/16/2023  1:27 PM  X  X  X  X  X  X  X  X  X  X  X  X  X	V-1 (3.5-4")	8/16/2023	1:21 PM	×	Grab	_	×	×	×
8/16/2023 1:27 PM x Grab 1 x x	4.5-5')  8/16/2023 1:27 PM	V-1 (4-4.5')	8/16/2023	1:24 PM	×	Grab	_	×	×	×
	tional Comments:  is document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such loss charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will by: (Signature)  Received by: (Signature)  Received by: (Signature)  Received by: (Signature)  Received by: (Signature)	V-1 (4.5-5')	8/16/2023	1:27 PM	×	Grab	1	×	×	×
	by: (Signature)	otice: Signature of this document f service. Xenco will be liable only Xenco. A minimum charge of \$8	t and relinquishment of sam y for the cost of samples an \$5.00 will be applied to each	ples constitutes a v d shall not assume project and a charg	valid purchase order any responsibility f ge of \$5 for each sar	r from client compan or any losses or exp nple submitted to Xe	y to Xenc senses inc	o, its affil urred by not analy	liates an the clier zed. The	d subcont
	1 moles 8/17/23 4:Wan 2	Relinquished by: (Signa	ature)	Received b	y: (Signature)			Date/T	ime	
lotice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assign the 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 the fixence. 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 Relinquished by: (Signature)  Received by: (Signature)  Received by: (Signature)	4	Grant Gardner	line	1	20/11/93		4:6	com	3	1 ~ 1

		Page _	Page1 of5	Ch.
W	ork Orde	<b>Work Order Comments</b>		
Program: UST/PS PR Brownfie R RC Supe	PR	Brownfie⊡s	R	Supe
Reporting:Level ☐ Level ☐ PST/U{] TR[]	evel [	PST/U[]	TR P	
Deliverables: EDDX	AL	ADaP¹□ Other:	ner:	

Page 46 of 50

Work Order No: Ha

vised Date 05012020 Rev



5	3 Ciair Cardiel	Grant Gardner	Relinquished by: (Sin	of Xenco. A minimum charge of	Notice: Signature of this docume of service. Xenco will be liable of	Notice: Claration of the Access	Additional Comments:	V-2 (4.5-5')	V-2 (4-4.5')	V-2 (3.5-4')	V-2 (3-3.5')	V-2 (2.5-3')	V-2 (2-2.5')	V-2 (1.5-2')	V-2 (1-1.5')	V-2 (6"-1")	V-2 (0-6")	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 254	ate ZIP:		Name:		Project Manager Envir	
		nature)	nahiral	\$85.00 will be applied to ea	ent and relinquishment of s only for the cost of samples		comments:	8/16/2023	8/16/2023	8/16/2023	8/16/2023	8/16/2023	8/16/2023	8/16/2023	8/16/2023	8/16/2023	8/16/2023	tion Date	43	Yes No NIA	Yes No MA	Yes No	Temp Blank:	21198816	Grant Gardner/Alex Gavia	Lea Co, New Mexico	237627	North Thisle 2 State #002H L3	254-266-5456	Carlsbad NM, 88220	209 West McKay Street	NTG Environmental	Ethan Sessums	ENVIRONMENTAL	
	MARC	Received	Para	and shall not assum ch project and a cha	amples constitutes a			23 1:57 PM	23 1:54 PM	23 1:51 PM	23 1:48 PM	23 1:45 PM	23 1:42 PM	23 1:39 PM	23 1:36 PM	23 1:33 PM	23 1:30 PM	Time	Corrected Temperature:	Temperature Reading:		Thermometer ID:	Yes No		x Gavia	exico		#002H L3							
	8/1/18	Received by: (Signature)		ne any responsibility arge of \$5 for each s	a valid purchase ord			×	×	×	×	×	×	×	×	×	×	Soil	emperature:	Reading:	actor:	er ID:	Wet Ice:	lab, if receive	TAT starts the da	Due Date:	Routine	Turn	Email:						
	4			y for any losses or ample submitted to	der from client comp			Grab	Grab	Grab	Water Comp		28.8		140	Yes Mo	lab, if received by 4:30pm	ay received by the		Rush	Turn Around	Email: Wesley.Mathews@dvn.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)									
	4:00	Da		expenses inc Xenco, but I	pany to Xeno			1	_	1	_	_	_	-	_	_	1	# of Cont	111		Pa	ıran	neter	s		0000	Pres.		vs@dvn.c			le:	ent)		
	well	Date/Time		urred by th	o, its affilia			×		×	+	+	×	×	×	×	×	ТРН	8015			802		+ MI	301				om	Artesia,	6488 Se	Devon Energy	Wesley		
O) 4	4 2			e client if su	ites and sub			×		+	+	+	+	×	×	×	×	.rn	_	-		le 45		+ M)	(0)					Artesia, NM 88210	even Rive	Energy	Wesley Mathews		
	lumbor	Relinquished by: (Signature)	The state of the s	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.	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 appears in current by the client if any losses in the cost of samples and shall not assume any responsibility for any losses or appears in current by the client if any losses in the cost of samples and shall not assume any responsibility for any losses or appears in current by the cost of samples and shall not assume any responsibility for any losses or appears in current by the cost of samples and shall not assume any responsibility for any losses or appears in current by the cost of samples and shall not assume any responsibility for any losses or appears in the cost of samples and shall not assume any responsibility for any losses or appears in the cost of samples and shall not assume any responsibility for any losses or appears in the cost of samples and shall not assume any responsibility for any losses or appears in the cost of samples and shall not assume any losses or appears in the cost of samples and shall not assume any losses or appears in the cost of samples and shall not assume any losses or appears in the cost of samples and shall not assume any losses or appears in the cost of samples and shall not assume any losses or appears and shall not assume any losses or appears and shall not appear any losses or appears and shall not assume any losses or appears and shall not appear any losses or appears any losses or appears and shall not appear any losses or appears and shall not appear any losses or appears and shall not appear																							ANALYSIS REQUEST		0	6488 Seven Rivers Highway				
	Munaka		ny negonateu.	beyond the control sly negotiated.	ms and conditions																_							DIJEST	Deliverables: EDUX	Reporting:Level [	State of Project:	Program: UST/PS	W	Work	
	VI day	Received by: (Signature)																S	NaOH+	_	HOL		H_BO : H2	HCL HC	Cool: Cool	None: NO		,	ADa	Level PST/U		PR Brownfie s	Work Order Comments	Work Order No: /	
	8-18-23	Date/Time																Sample Comments	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	Nazozog, INdoOg	Na-S-O- NaSO	NARIS	HB NaOH: Na		9		IDEAIA		9	P IRP	Ċ	R	ents	H2345 0 Page 2 of	
		Œ																its	PC				Na	Z	Me	DI Water: H <sub>2</sub> O	des					Supe		Page 47 c	of 4

# Chain of Custody



City, State ZIP: ddress:

Carlsbad NM, 88220 209 West McKay Street

City, State ZIP:

Artesia, NM 88210

6488 Seven Rivers Highway

Devon Energy

ENVIRONMENTAL  Project Manager: Ethan Sessums  Bill to: (if different)	ENVIRONMENTAL  Manager: Ethan Sessums  Bill to: (if different)	Wesley Mathews	to:	Ethan Sessums	Project Manager:
ENVIRONMEN	ENVIRONMEN				
ENVIRONMEN	ENVIRONMEN			THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	
				NUTRONMEN	
	e				

Phone: 254-26	254-266-5456		Email:	Email: Wesley.Mathews@dvn.com	ews@dvn.	.com			Deliv	Deliverables: EDDX ADaP1□	Other:
Project Name: No	North Thisle 2 State #002H L3	002H L3	Tun	Turn Around					ANALYSIS REQUEST		2
Project Number:	237627		Routine	Rush	Pres.			4			INDAIR
Project Location	Lea Co, New Mexico	ico	Due Date:					+		2	None: NO DI Water: H <sub>2</sub> O
<i>y</i> e	Grant Gardner/Alex Gavia	Gavia	TAT starts the	day received by th	1		(0)	_		0	Coal: Coal MeOH: Me
	21198816		lab, if rece	lab, if received by 4:30pm			MR			I	
SAMPLE RECEIPT	Temp Blank:	Yes (No	Wet loe:	Yes No	eters	В	RO 4	00			H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na
Received Intact:	(Yes) No	Thermometer ID:	er ID:		ame	021	+ D	450			H <sub>3</sub> PO <sub>4</sub> : HP
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	Factor:	1	Par	EX 8	GRO	ride		OLL	NaHSO4: NABIS
Sample Custody Seals:	N <sub>O</sub>	Temperature Reading:	e Readino	28.20		ВТЕ	W ( C	Chlo			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
Total Containers:	43	Corrected T	emperature.	1	П		0151			Zr	Zn Acetate+NaOH: Zn
			The second secon				H 8	_		Z	NaOH+Ascorbic Acid: SAPC
Sample Identification	on Date	Time	Soil	Water Comp	p Cont		TP				Sample Comments
V-3 (0-6")	8/16/2023	2:00 PM	×	Grab	-	×	×	×			
V-3 (6"-1")	8/16/2023	2:03 PM	×	Grab	1	×	×	× :			
V-3 (1-1.5')	8/16/2023	2:06 PM	×	Grab	1	×	×	×			
V-3 (1.5-2')	8/16/2023	2:09 PM	×	Grab	1	×	×	×			
	8/16/2023	2:12 PM	×	Grab	4	×	×	×			
V-3 (2.5-3')	8/16/2023	2:15 PM	×	Grab	1	×	×	×			
V-3 (3-3.5')	8/16/2023	2:18 PM	×	Grab	1	×	×	×			
V-3 (3.5-4')	8/16/2023	2:21 PM	×	Grab	1	×	×	×			
V-3 (4-4.5')	8/16/2023	2:24 PM	×	Grab	1	×	×	×			
V-3 (4.5-5')	8/16/2023	2:27 PM	×	Grab	0 1	×	×	×			
Additional Comments:	mments:									-	
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses a 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	and relinquishment of sam y for the cost of samples and 5.00 will be applied to each	ples constitutes d shall not assu project and a ch	a valid purchase o me any responsibil arge of \$5 for each	rder from client cor lity for any losses o sample submitted	npany to Xen r expenses in to Xenco, but	co, its affi curred by t not analy	illiates an the clier	d subcont	violice: 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.	onditions he control	
Relinquished by: (Signature)	iture)	Received	Received by: (Signature)	э)		Date/Time	me	77	Relinquished by: (Signature)	Received by: (Signature)	) Date/Time
Grant Gardner	In	B	8/17/23		w/2007.7	woo		4 2	Kill	Tamora Moha	818.13 1330
Recei								o			

		Page	3 of	Page 3 of 5
W	ork Orde	<b>Work Order Comments</b>		
Program: UST/PS□ PR□ Brownfie□s R□: Supe□ State of Project:	PR	Brownfie⊡s	₽ Ç	Supe
Reporting:Level ☐ Level ☐ PST/U{ TR P	Level [	PST/U[]	R P	
Datie Control				

Page 48 of 50

Work Order No:

Chain of Custody

Address:

NTG Environmental

Carlsbad NM, 88220 209 West McKay Street

City, State ZIP:

Artesia, NM 88210

6488 Seven Rivers Highway

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Phone: 254-266-5456	456		Email:	Email:   Wesley, Mathews@dvn.com	nyb@sws	203				VORSING - FILLY	
				1000	HADOMORIC	icoll			00	Deliverapies. EDUA	ADar II
	North Thisle 2 State #002H L3	002H L3	Turr	Turn Around					ANALYSIS REQUEST	7	
	237627		Routine	Rush	Code						None: NO
Sampler's Name: Gran	ant Cardner/Alex Co	CO	Due Date:				))	_			Cool: Cool
	21198816	Cavia	lab, if rece	lab, if received by 4:30pm			MR				HCL: HC
SAMPLE RECEIPT	Temp Blank:	Yes Mo	8	Van N	ters	3	RO +	0			H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>
	Yes No	Thermometer ID:	er ID:	140	ame	021	+ D	450			
Seals:	0	Correction Factor	actor	140	Par	EX 8	SRO	ride		_	NaHSO4: NABIS
99	No	Temperature Reading	o Dandina	200		вте	1 ( 0	hlo			H Na2S2O3 NaSO3
	43	Corrected T	Corrected Temperature:	I F	11		015	(			Zn Acetate+NaOH: Zn
		delinente.	cimporaturo,				1 80		_	_	NaOH+Ascorbic Acid: SAPC
Sample Identification	Date	Time	Soil	Water Comp	# of		TPI				
V-4 (0-6")	8/16/2023	2:30 PM	×	Grab	_	×	×	×			1
V-4 (6"-1")	8/16/2023	2:33 PM	×	Grab	1	×	×	×			1
V-4 (1-1.5')	8/16/2023	2:36 PM	×	Grab	_	×	×	×			1
V-4 (1.5-2')	8/16/2023	2:39 PM	×	Grab	_	×	×	×			Ī
V-4 (2-2.5')	8/16/2023	2:42 PM	×	Grab		×	×	×			#
V-4 (2.5-3')	8/16/2023	2:45 PM	×	Grab	_	×	×	×			#
V-4 (3-3.5')	8/16/2023	2:48 PM	×	Grab	_	×	×	×			1
V-4 (3.5-4')	8/16/2023	2:51 PM	×	Grab	_	×	×	×			1
V-4 (4-4.5')	8/16/2023	2:54 PM	×	Grab	_	×	×	×			1
H-1 (surface)	8/16/2023	2:57 PM	×	Grab	_	×	×	×			1
Additional Comments:	ents:										
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses and 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	elinquishment of sam he cost of samples and vill be applied to each	ples constitutes d shall not assu project and a ch	a valid purchase o me any responsibil arge of \$5 for each	rder from client con ity for any losses or sample submitted i	npany to Xer r expenses ir to Xenco, bu	nco, its aff ncurred by it not analy	filiates ar y the clie yzed. Th	s and subcontractors client if such losses These terms will be	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.	conditions d the control	
Relinquished by: (Signature)	)	Received	Received by: (Signature)	3)		Date/Time	me		Relinquished by: (Signature)	Received by: (Signature	ignature
Grant Gardner	Man	M	21/1/8	3	4:Upm	and		2	MM	In Month	
			,					4		1	
								O)			

W	ork Orde	<b>Work Order Comments</b>		
Program: UST/PS☐ PR☐ Brownfie☐s R☐; Supe☐ State of Project:	PR	Brownfie⊡s	₽ Ç	Supe
Reporting:Level ☐ PST/U{]	Level [	PST/U[]	₽ Ç	
Deliverables: EDDX		ADaP¹□ Other	ner:	

9

Work Order No:

Page 49 of 50

Phone:

City, State ZIP:

Carlsbad NM, 88220

209 West McKay Street

Address: City, State ZIP:

Artesia, NM 88210

Deliverables: EDDX Reporting:Level [ State of Project:

Level [

PST/U

TR-P

6488 Seven Rivers Highway

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Program: UST/PS☐ PR☐ Brownfie☐s

₽ ()

Supe

**Work Order Comments** 

Page

of,

Page 50 of 50

254-266-5456

Project Manager: Ethan Sessums

Company Name: Address:

NTG Environmental

	-						-	100					10	M			-	T .	1	1	007			ω	Ch
Project Name:	Project Number:	Project Location	Sampler's Name:	PO#:	SAMPLE RECEIPT	Received Intact:	Cooler Custody Seals:	Sample Custody Seals:	Total Containers:	Comple Identification		H-2 (surface)	H-3 (surface)	H-4 (surface)						Addition	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 applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed.	Relinquished by: (Signature)	Grant Gardner		
North This		Lea C	Grant Ga			Yes	Yes	Yes		ination	- Tours	ce)	ce)	ce)						Additional Comments:	cument and relinque ble only for the cole of \$85.00 will be	Signature)			
North Thisle 2 State #002H L3	237627	Lea Co, New Mexico	Grant Gardner/Alex Gavia	21198816	Temp Blank:	s) No	No NA	No NIA	43		Pare	8/16/2023	8/16/2023	8/16/2023							uishment of samp st of samples and applied to each p		Maril		
)2H L3		0	avia		Yes No	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected 7		11110	3:00 PM	3:03 PM	3:06 PM							les constituter shall not assu- roject and a c	Received	"		
Turn	Routine	Due Date:	TAT starts the day received by the	lab, if rece	Wet loe:	ter ID:	Factor:	re Reading:	Corrected Temperature:		3011	×	×	×							s a valid purchase ime any responsit harge of \$5 for eac	Received by: (Signature)	21/21/22	1	
Turn Around	Rush		day received	lab, if received by 4:30pm	Yes	140	1	22	1		Interes										order from cli bility for any lo	е)			
			by the	Э,	3		1	X co	1	Grab/	Comp	Grab	Grab	Grab	L	1	_				ent companisses or exp			-	
	Code			s	eter		_			# of	Cont	1	_	_			4				y to Xenco senses incu	Da	ないか		
			RO)	+ M	B	0 + 1			801	ТРН		×	×	×	H	+	+			$\parallel$	, its affiliat	Date/Time			uleton. L
					00	e 45	orld	Chi				×	×	×		1	1				es and sub client if s		2		4
			_	_	_		_	_	_			-	-	-		+	+	$\dashv$	H	-	contractor	Relina			-
ANA																+	1				s. It assignant due to	Relinquished by: (Signature)		1	. Am
YSIS R													-			1	1	_			ns standar circumsta	v: (Sian			
ANALYSIS REQUEST																					It assigns standard terms and conditions to due to circumstances beyond the control forced unless presidues to possible described.	nature)			1
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	None	Cool	HCI - HC	H.SC	H PC		HOL		NaO			+	+	+	H	+	+	+	H	ŀ		affire		Cruss.	
Presen	None: NO	Cool: Cool	HO CH	H.SO. H.	dh Od H	NaHSO NARIS	Nasa - O-S-en	Zn Acetate+NaOH: Zn	H+Ascort		Sample												1		1
Preservative Codes	DI Water: H <sub>2</sub> O	MaOH: Ma	HNO. HA	NaOH: Na	1	10	0 8	aOH: Zn	NaOH+Ascorbic Acid: SAPC		Sample Comments											Date/Time	Pulse I III	1 67.018	
"	H <sub>2</sub> O	,	- 0														_	$\perp$						6	

Revised Date 05012020 Rev. 2020.1



August 24, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L4

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 11:17.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023 Soil

Reported: 08/24/2023 Sampling Type: Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition:

Cool & Intact Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 1 (0-6") (H234497-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/24/2023 Sampling Type: Soil Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition:

Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 2 (0-6") (H234497-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celecy D. Keene



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 3 (0-6") (H234497-03)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 4 (0-6") (H234497-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	177	88.5	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.3	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 5 (0-6") (H234497-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	177	88.5	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	70.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.4	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: H - 1 (SURFACE) (H234497-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	177	88.5	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.0	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: H - 2 (SURFACE) (H234497-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	177	88.5	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/24/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L4 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

#### Sample ID: H - 3 (SURFACE) (H234497-08)

BTEX 8021B

Analyte Benzene*	Result	Reporting Limit	Analyzed	Method Blank	DC.	0/ 5			
Benzene*	<0.0E0			riculou blurik	BS	% Recovery	True Value QC	RPD	Qualifier
	<b>\U.U</b> 5U	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	177	88.5	200	6.93	
EVE DDG 600 606	<10.0	10.0	08/22/2023	ND					
EXT DRO >C28-C36									
EXT DRO >C28-C36  Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						

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#### Analytical Results For:

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

Sampling Date:

08/17/2023

Reported:

Received:

BTEX 8021B

08/18/2023 08/24/2023

Sampling Type:

Soil

Project Name:

NORTH THISTLE 2 STATE #002H L4

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: H - 4 (SURFACE) (H234497-09)

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.5	2.00	0.266	
Toluene*	<0.050	0.050	08/23/2023	ND	1.87	93.6	2.00	1.10	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	0.773	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.87	97.9	6.00	2.02	
Total BTEX	<0.300	0.300	08/23/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/22/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.7	200	5.95	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	177	88.5	200	6.93	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					
Surrogate: 1-Chlorooctane	73.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.9	% 49.1-14	8						

Analyzed By: JH/

#### Cardinal Laboratories

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#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

Samples reported on an as received basis (wet) unless otherwise noted on report

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	ENVIRONMENTA														Work Order No:	Order	No:	Page	1 of 1	Page 12 of 1
								Math						1	5	lork Or	der Co	Work Order Comments		
Project Manager:	Ethan Sessums				Bill to: (if different)	rent)	Wesie	Wesley Mathews	ews						200	- 12	0	mfiel	R	Supe
Company Name:	NTG Environmental	ental			Company Name:	ne:	Devo	Devon Energy	×				Progr	Program: UST/PS	T/PS		Bro	PR Brownie S		
Address:	209 West McKay Street	y Street			Address:		6488	Seven	Rivers h	6488 Seven Rivers Highway			State	State of Project:	acr.	200		PST/III	d BI	<u></u> _
City State ZIP:	Carlsbad NM. 88220	8220			City, State ZIP	Ų	Artes	Artesia, NM 88210	38210				Kepor	Reporting. Level		Laval	5	2	Other :	
Phone:	254-266-5456			Email:	Wesley.Mathews@dvn.com	ews@dvn	.com					L	Delive	Deliver apies.	1000					
Project Name:	North Thistle 2 State	2 State #002H L4	HL4	Turn	Turn Around						ANALY	SIS RE	ANALYSIS REQUEST					Prese	Preservative Codes	Codes
Project Number		237627		✓ Routine	Rush	Code			-		L	+	1	+	+			None: NO	. 5	DI VValci. 1120
Project Location	Lea Co	Lea Co, New Mexico		Due Date:				))				_			_		- 0	Cool: Cool	HN ME	HNO. HN
Sampler's Name:	Grant Ga	Grant Gardner/Alex Gavia	via	TAT starts the lab, if rece	TAT starts the day received by the lab, if received by 4:30pm			+ MRC										H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	Na	NaOH: Na
PO#			You No	5	Wes No	eter	В	DRO	500						_		_	H3PO4: HP		
Received Intact:		No	Thermometer ID:	ater ID:	140	aran	802	RO+	ide 4								HOLI	Na-S-O- NaSO-	IASO,	
Cooler Custody Seals:	Yes	NO (NIA)	Correction Factor	Factor:	1	F	вте	И ( G	Chlo			_		_				Zn Acetate+NaOH: Zn	+NaOH: 2	Žn
Sample Custody Seals:	als: Yes	NA	Temperatu	Temperature Reading:	1000	_		015	_			_			_			NaOH+Ascorbic Acid: SAPC	corbic Aci	d: SAPC
Total Containers:		C	Collected	Collected Lembergine.	Grab/	b/ #of		трн				_			_			Sam	Sample Comments	ments
Sample Identification	ntification	Date	Time	3011	Comp	0			-	+	1	+		-	+					
V-1 (0-6")	0-6")	8/17/2023	10:00	×	Grab	30	× ×	< ×	< >	1		+			+	1				
V-2 (0-6")	0-6")	8/17/2023	10:03	×	Ciab	T	× 3	× :	×	+		+			-					
V-3 (0-6)	(0-6')	8/1//2023	10.00	< >	Grab.	1	×	×	×	+		-			٠					
V-5 (0-6")	V-5 (0-6")	8/17/2023	10:12	×	Grab	ab 1	×	×	×						-	+				
H-1 (surface)	urface)	8/17/2023	10:15	×	Grab	ab 1	×	×	×	+		+	+	I	+	+				
H-2 (surface)	urface)	8/17/2023	10:18	×	Gr		×	×	×	+		+	1		+	+				
H-3 (s	H-3 (surface)	8/17/2023	10:21	×	Gr	1	×	×	×	+	I	+	1		+	+				
H-4 (s	H-4 (surface)	8/17/2023	10:24	×	G	Grab	×	×	>						H	Н				
Addi	Additional Comments:	is:																		
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 (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 (Notice: Signature of this document and relinquishment of samples constitutes a valid purchase or expenses incurred by the client if such losses are due to circumstances beyond the control 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 services.	gnature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractor and the 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.  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.	quishment of sam	ples constitu	ates a valid purch	hase order from clie onsibility for any loa	ent company sses or expe	to Xenco,	its affiliat rred by the of analyze	es and su client if s	s and subcontractor client if such losses These terms will be	rs. It assi s are due l	gns stand o circums d unless p	s. It assigns standard terms and conditions are due to circumstances beyond the control enforced unless previously negotiated.	and condi ond the c egotiated	tions					
Relinguished	Relinguished by: (Signature)	be applied to each	Receive	Received by: (Signature	ture) /	3	Date	Date/Time		Relinqui		shed by: (Signature)	nature)		Received by: (Signature)	id by: (\$	ignatu	re)	Da	Date/Time
Grant Gardner			Mah	a Wille	Wall she	8-1	18-23	111	7 2											
пω					,	+			O)										Date O	05012020 Rev. 2020



August 25, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L5

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 13:30.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 1 (0-6") (H234503-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	'8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Received: 08/18/2023

Reported: 08/25/2023

Project Name: NORTH THISTLE 2 STATE #002H L5

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 08/17/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

#### Sample ID: V - 2 (0-6") (H234503-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

#### Sample ID: V - 3 (SURFACE) (H234503-03)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 4 (SURFACE) (H234503-04)

RTFY 8021R

ilig/	ку	Allalyze	и ву: эп					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
<0.300	0.300	08/24/2023	ND					
106	% 71.5-13	4						
mg,	'kg	Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
176	16.0	08/23/2023	ND	416	104	400	3.77	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
<10.0	10.0	08/23/2023	ND					
76.4	% 48.2-13	4						
84.7	% 49.1-14	8						
_	Result <0.050 <0.050 <0.050 <0.150 <0.300  106 9  mg/  Result 176  mg/  Result <10.0 <10.0 <76.4	<ul> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.150</li> <li>&lt;0.300</li> <li>0.300</li> <li>106 % 71.5-13 mg/kg</li> <li>Result Reporting Limit</li> <li>176 16.0 mg/kg</li> <li>Result Reporting Limit</li> <li>&lt;10.0 10.0</li> <li>&lt;10.0 10.0</li> <li>&lt;10.0 10.0</li> <li>&lt;10.0 10.0</li> </ul>	Result         Reporting Limit         Analyzed           <0.050	Result         Reporting Limit         Analyzed         Method Blank           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           < 0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <0.050

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Celey D. Keine



#### Analytical Results For:

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

Received: 08/18/2023 Reported: 08/25/2023 Sampling Date: 08/17/2023

Reported: Project Name: Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5
Project Number: 237627

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 5 (0-6") (H234503-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	0.056	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	0.393	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	0.449	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.4	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	18						

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Celey D. Keine



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 6 (SURFACE) (H234503-06)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	110	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	122	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 7 (SURFACE) (H234503-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	74.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.3	% 49.1-14	18						

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Celey D. Keine



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 8 (SURFACE) (H234503-08)

RTFY 8021R

B1EX 8021B	mg/	<sup>и</sup> кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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#### Analytical Results For:

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

Analyzed By: JH

Received: 08/18/2023

08/18/2023 08/25/2023

mg/kg

NORTH THISTLE 2 STATE #002H L5

Project Number: 237627

Reported:

BTEX 8021B

Project Name:

Project Location: DEVON - LEA CO., NEW MEXICO

Sampling Date: 08/17/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

#### Sample ID: V - 9 (SURFACE) (H234503-09)

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 49.1-14	8						

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Celey D. Keene



Tamara Oldaker

#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023 Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact

Project Number: Sample Received By: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: V - 10 (SURFACE) (H234503-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: H - 1 (SURFACE) (H234503-11)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

#### Sample ID: H - 2 (SURFACE) (H234503-12)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.92	96.1	2.00	1.74	
Toluene*	<0.050	0.050	08/24/2023	ND	2.25	113	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.30	115	2.00	2.44	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.81	113	6.00	0.975	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: H - 3 (SURFACE) (H234503-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	80.2 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2 9	% 49.1-14	8						

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#### Analytical Results For:

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

Received: 08/18/2023 Sampling Date: 08/17/2023

Reported: 08/25/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237627 Tamara Oldaker

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: H - 4 (SURFACE) (H234503-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.5	2.00	0.114	
Toluene*	<0.050	0.050	08/24/2023	ND	1.87	93.7	2.00	0.253	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.0	2.00	0.222	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.85	97.5	6.00	0.297	
Total BTEX	<0.300	0.300	08/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/23/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	162	81.0	200	3.06	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	177	88.3	200	2.91	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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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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Celeg D. Freene

# Chain of Custody



City, State ZIP:

Carlsbad NM, 88220 254-266-5456

Email: Wesley.Mathews@dvn.com

City, State ZIP: Address:

Artesia, NM 88210 6488 Seven Rivers Highway Devon Energy Wesley Mathews

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

**Work Order Comments** 

of

Deliverables: EDD

ADaPT

Reporting:Level III Level III PST/UST DRRP

☐ Level IV ☐

209 West McKay Street

Company Name

NTG Environmental

Bill to: (if different) Company Name:

Project Name:	North Thisle 2 State #002H L5	#002H L5	Tun	Turn Around						ANALYSIS REQUEST			Preservative Codes	Ē.
Project Number:	237627		Routine	Rush		Pres.						None: NO	2	ō
Project Location	Lea Co, New Mexico	lexico	Due Date:									Cook Cool		Cool
Sampler's Name:	Grant Gardner/Alex Gavia	ex Gavia	TAT starts the day received by the	day received	by the			RO)		_		HCL: HC	- 1	HC
PO#:	21198816		lab, if rece	lab, if received by 4:30pm	m.	s		+ M				H-S0.: H-		H (
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes	है	eter	В	ORO	00			H.PC		H.PO. HP
Received Intact:	Xes No	Thermometer ID:	eter ID:			ram	8021	) + C	e 45		LD	NaHS		NaHSO, NABIS
Cooler Custody Seals:	Yes No MA		Factor	1	)	Pa	EX	GR	orid	_	ноі	Na.S		Na.S.O. NaSO.
Sample Custody Seals:		~	Temperature Reading:	8.8	ve		вт	5M (	Chi			Zn A		Zn Acetate+NaOH: Zn
Total Containers:	14		Corrected Temperature:					8015				NaOH		NaOH+Ascorbic Acid: SAPC
Sample Identification	tion Date		Soil	Water	Grab/	# of Cont		TPH						Sample Comments
V-1 (0-6")	8/17/2023	2:00 PM	×		Grab	_	×	×	×			$\neg$		
V-2 (0-6")	8/17/2023	2:03 PM	×		Grab	_	×	×	×			1		
V-3 (surface)	8/17/2023	2:06 PM	×		Grab	_	×	×	×			$\neg$		
V-4 (surface)	8/17/2023	2:09 PM	×		Grab	_	×	×	×			1		
V-5 (0-6")	8/17/2023	23 2:12 PM	×		Grab	_	×	×	×			7		
V-6 (surface)	8/17/2023	23 2:15 PM	×		Grab	-	×	×	×					
V-7 (surface)	8/17/2023	23 2:18 PM	×		Grab	1	×	×	×			$\exists$	- 1	
V-8 (surface)	8/17/2023	23 2:21 PM	×		Grab	_	×	×	×			$\neg$		
V-9 (surface)	8/17/2023	23 2:24 PM	×		Grab	1	×	×	×			$\neg$		
V-10 (surface)	8/17/2023	23 2:27 PM	×		Grab	_	×	×	×			П		
Additional Comments:	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 assorted by the 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 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 to the contract of \$100 minimum charge of \$100 minimum charges of \$100 minimum	ent and relinquishment of only for the cost of sample f \$85.00 will be applied to e	samples constitut s and shall not as: sach project and a	es a valid purchase sume any responsib charge of \$5 for eac	order from clie sility for any los th sample subr	ent compa sses or ex mitted to )	uny to Xen spenses in Xenco, but	co, its af	filiates a by the cli lyzed. T	s and sub client if su These te	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.	d conditions d the control obsted,			
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City, State ZIP:

Carlsbad NM, 88220 209 West McKay Street

City, State ZIP:

6488 Seven Rivers Highway Artesia, NM 88210

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Company Name:

NTG Environmental

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	Pa	ge 2	Page 2 of 2
Work C	<b>Work Order Comments</b>	ents	
Program: UST/PST   PRP Brownfields   RRC   uperfund	Brownfields	RRC	uperfund
State of Project:			
Reporting:Level III	□PST/UST	□ RRP	Level IV
Deliverables: EDD	ADaPT Other	Other:	

Page 18 of 18

Work Order No:

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

## NTG-New Tech Global Environmental

Project Name: North Thistle 2 State #002H L1

Work Order: E308244

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/8/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/8/23

**Ethan Sessums** 911 Regional Park Dr. Houston, TX 77060

Project Name: North Thistle 2 State #002H L1

Workorder: E308244

Date Received: 9/1/2023 5:45:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: North Thistle 2 State #002H L1.

The analytical test results summarized in this report with the Project Name: North Thistle 2 State #002H L1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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# **Sample Summary**

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	Donoutoda
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/08/23 12:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 1-1.5'	E308244-01A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-1 2-2.5'	E308244-02A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-1 3-3.5'	E308244-03A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-1 4-4.5'	E308244-04A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-2 1-1.5'	E308244-05A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-4 2-2.5'	E308244-06A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-5 1-1.5'	E308244-07A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-5 2-2.5'	E308244-08A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-6 2-2.5'	E308244-09A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.

# Sample Data

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

### V-1 1-1.5' E308244-01

		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/06/23	09/07/23	
Surrogate: n-Nonane		103 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336050
					09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

#### V-1 2-2.5' E308244-02

		E300244-02				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/2	23 09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/2	23 09/05/23	
Toluene	ND	0.0250	1	09/01/2	23 09/05/23	
o-Xylene	ND	0.0250	1	09/01/2	23 09/05/23	
p,m-Xylene	ND	0.0500	1	09/01/2	23 09/05/23	
Total Xylenes	ND	0.0250	1	09/01/2	23 09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/2	23 09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/01/2	23 09/05/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/2	23 09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/2	23 09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/01/2	23 09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/01/2	23 09/05/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/2	23 09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KM		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/2	23 09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/2	23 09/07/23	
Surrogate: n-Nonane		103 %	50-200	09/06/2	23 09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2336050
Chloride	128	20.0	1	09/06/2	23 09/06/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

#### V-1 3-3.5' E308244-03

		E300244-03					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2335105
Benzene	ND	0.0250	1		09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	Į.	09/01/23	09/05/23	
Toluene	ND	0.0250	1	Į.	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	ļ.	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	ļ.	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	ļ	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	,		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: Kl	М		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0	1		09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/06/23	09/07/23	
Surrogate: n-Nonane		104 %	50-200		09/06/23	09/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2336050
Chloride	71.0	20.0	1		09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

### V-1 4-4.5'

		E308244-04					
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2335105
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/06/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/06/23	09/08/23	
Surrogate: n-Nonane		103 %	50-200		09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2336050
Chloride	62.9	20.0		1	09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

#### V-2 1-1.5' E308244-05

		E300244-03					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2335105
Benzene	ND	0.0250	1	l	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/05/23	
Toluene	ND	0.0250	1	l	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	Į	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		113 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	[	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		113 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	M		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/06/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/06/23	09/08/23	
Surrogate: n-Nonane		102 %	50-200		09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2336050
Chloride	83.6	20.0	1	1	09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

#### V-4 2-2.5' E308244-06

	E300244-00				
Result	Limit	Dilut	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	А	Analyst: IY		Batch: 2335105
ND	0.0250	1	09/01/23	09/05/23	
ND	0.0250	1	09/01/23	09/05/23	
ND	0.0250	1	09/01/23	09/05/23	
ND	0.0250	1	09/01/23	09/05/23	
ND	0.0500	1	09/01/23	09/05/23	
ND	0.0250	1	09/01/23	09/05/23	
	119 %	70-130	09/01/23	09/05/23	
	95.4 %	70-130	09/01/23	09/05/23	
	111 %	70-130	09/01/23	09/05/23	
mg/kg	mg/kg	Α	Analyst: IY		Batch: 2335105
ND	20.0	1	09/01/23	09/05/23	
	119 %	70-130	09/01/23	09/05/23	
	95.4 %	70-130	09/01/23	09/05/23	
	111 %	70-130	09/01/23	09/05/23	
mg/kg	mg/kg	Α	Analyst: KM		Batch: 2336059
ND	25.0	1	09/06/23	09/08/23	
ND	50.0	1	09/06/23	09/08/23	
	102 %	50-200	09/06/23	09/08/23	
mg/kg	mg/kg	Α	Analyst: BA		Batch: 2336050
	ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           III %         95.4 %           III %         111 %           mg/kg         mg/kg           ND         20.0           III %         111 %           mg/kg         mg/kg           ND         25.0           ND         50.0           102 %	Reporting           Result         Limit         Dilut           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           119 %         70-130           95.4 %         70-130           mg/kg         mg/kg         A           ND         20.0         1           119 %         70-130         1           95.4 %         70-130         1           mg/kg         mg/kg         A           ND         25.0         1           ND         50.0         1           102 %         50-200	Reporting Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         70-130         09/01/23           95.4 %         70-130         09/01/23           111 %         70-130         09/01/23           MD         20.0         1         09/01/23           119 %         70-130         09/01/23           111 %         70-130         09/01/23           111 %         70-130         09/01/23           111 %         70-130         09/01/23           111 %         70-130         09/01/23           111 %         70-130         09/01/23           102 %         50-200         1         09/06/23	Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           95.4 %         70-130         09/01/23         09/05/23           95.4 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/05/23           95.4 %         70-130         09/01/23         09/05/23           119 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: KM



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

#### V-5 1-1.5' E308244-07

	E300244-07					
Dogult.	Reporting	Dil	ntion.	Duomonod	Analyzad	Notes
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: IY		Batch: 2335105
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0500		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
	120 %	70-130		09/01/23	09/05/23	
	95.4 %	70-130		09/01/23	09/05/23	
	111 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst	: IY		Batch: 2335105
ND	20.0		1	09/01/23	09/05/23	
	120 %	70-130		09/01/23	09/05/23	
	95.4 %	70-130		09/01/23	09/05/23	
	111 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst	: KM		Batch: 2336059
ND	25.0		1	09/06/23	09/08/23	
ND	50.0		1	09/06/23	09/08/23	
	104 %	50-200	·	09/06/23	09/08/23	
mg/kg	mg/kg		Analyst	: BA		Batch: 2336050
46.9	20.0		1	09/06/23	09/06/23	
	ND Mg/kg ND Mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           120 %           95.4 %         111 %           mg/kg         mg/kg           ND         20.0           120 %         95.4 %           111 %         111 %           mg/kg         mg/kg           ND         25.0           ND         50.0           104 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           120 %         70-130           95.4 %         70-130           111 %         70-130           mg/kg         mg/kg           ND         20.0           120 %         70-130           111 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           104 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           120 %         70-130           95.4 %         70-130           111 %         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           120 %         70-130         1           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           104 %         50-200           mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           95.4 %         70-130         09/01/23           111 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           120 %         70-130         09/01/23           95.4 %         70-130         09/01/23           111 %         70-130         09/01/23           111 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         09/06/23           ND         50.0         1	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           95.4 %         70-130         09/01/23         09/05/23           111 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         09/06/23         09/08/23           ND         50.0         1         09/06/23         09/08/23           ND         50.0         1         <



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

#### V-5 2-2.5' E308244-08

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335105
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0		1	09/06/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/06/23	09/08/23	
Surrogate: n-Nonane		102 %	50-200		09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: BA		Batch: 2336050
Chloride	106	20.0		1	09/06/23	09/06/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

#### V-6 2-2.5' E308244-09

		E308244-09					
		Reporting					· ·
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Benzene	ND	0.0250	1	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	1 09/01/	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		121 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2336059
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/06/23	09/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/06/23	09/08/23	
Surrogate: n-Nonane		103 %	50-200		09/06/23	09/08/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2336050
Chloride	56.4	20.0	1	1	09/06/23	09/06/23	



North Thistle 2 State #002H L1 NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/8/2023 12:59:30PM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2335105-BLK1) Prepared: 09/01/23 Analyzed: 09/05/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.601 0.500 120 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 0.500 96.4 70-130 0.500 113 70-130 Surrogate: Toluene-d8 0.564 LCS (2335105-BS1) Prepared: 09/01/23 Analyzed: 09/05/23 2.55 0.0250 2.50 102 70-130 Benzene 2.59 2.50 104 70-130 Ethylbenzene 0.0250 2.64 0.0250 2.50 106 70-130 70-130 2.78 0.0250 2.50 111 o-Xylene 5.53 5.00 111 70-130 p,m-Xylene 0.0500 8.31 0.0250 7.50 111 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.604 0.500 70-130 0.500 96.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 70-130 Surrogate: Toluene-d8 0.549 0.500 Matrix Spike (2335105-MS1) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23 2.35 0.0250 2.50 ND 94.1 48-131 45-135 Ethylbenzene 2.42 0.0250 2.50 ND 96.6 97.5 48-130 Toluene 2.44 0.0250 2.50 ND 2.56 0.0250 2.50 ND 102 43-135 o-Xylene ND 102 43-135 p,m-Xylene 5.12 0.0500 5.00 Total Xylenes 7.68 0.0250 7.50 ND 102 43-135 0.603 0.500 121 70-130 Surrogate: Bromofluorobenzene 0.500 97.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 0.500 70-130 0.557 Surrogate: Toluene-d8 Matrix Spike Dup (2335105-MSD1) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23 2.52 0.0250 2.50 ND 101 48-131 7.06 23 2.60 0.0250 2.50 ND 45-135 7.55 27 Ethylbenzene ND 48-130 7.92 24 2.64 2.50 106 Toluene 0.0250 o-Xylene 2.80 0.0250 2.50 ND 112 43-135 9.09 27 5.00 ND 113 43-135 9.52 27 5.63 p,m-Xylene 0.0500 27 8.43 0.0250 7.50 ND 112 43-135 9.38 Total Xylenes



0.500

0.500

0.500

122

98.8

111

70-130

70-130

70-130

0.611

0.494

0.553

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

### **QC Summary Data**

NTG-New Tech Global Environmental Project Name: North Thistle 2 State #002H L1

911 Regional Park Dr. Project Number: 01058-0007

Houston TX, 77060 Project Manager: Ethan Sessums 9/8/2023 12:59:30PM

Houston TX, 77060		Project Number: Project Manager:		han Sessums					9/8/2023 12:59:30PM
	Non	halogenated C	Organics l	by EPA 801	5D - GF	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	:
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335105-BLK1)							Prepared: 09	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.601		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			
LCS (2335105-BS2)							Prepared: 09	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.608		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.567		0.500		113	70-130			
Matrix Spike (2335105-MS2)				Source: 1	E308243-0	7	Prepared: 09	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.618		0.500		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			
Matrix Spike Dup (2335105-MSD2)				Source: 1	E <b>308243-</b> 0	7	Prepared: 09	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	2.35	20	
Surrogate: Bromofluorobenzene	0.603		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			

0.500

0.563

113

70-130



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:59:30PM

Houston TX, 77060		Project Manage	r: Etl	nan Sessums					9/8/2023 12:59:30PM
	Nonhal	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336059-BLK1)							Prepared: 0	9/06/23 A	Analyzed: 09/07/23
tiesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.6		50.0		103	50-200			
.CS (2336059-BS1)							Prepared: 0	9/06/23 A	Analyzed: 09/07/23
riesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
urrogate: n-Nonane	50.3		50.0		101	50-200			
Aatrix Spike (2336059-MS1)				Source:	E308244-0	03	Prepared: 0	9/06/23 A	Analyzed: 09/07/23
riesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132			
urrogate: n-Nonane	51.6		50.0		103	50-200			
Matrix Spike Dup (2336059-MSD1)				Source:	E308244-0	03	Prepared: 0	9/06/23 A	Analyzed: 09/07/23
tiesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.915	20	
urrogate: n-Nonane	52.5		50.0		105	50-200			

NTG-New Tech Global Environmental	[	Project Name:		North Thistle 2	State #002		Reported:				
911 Regional Park Dr.					Project Number: 01058-0007						
Houston TX, 77060		Project Manager	: 1	Ethan Sessums					9/8/2023 12:59:30PM		
		Anions	by EPA	300.0/9056	A				Analyst: BA		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2336050-BLK1)							Prepared: 0	9/06/23	Analyzed: 09/06/23		
Chloride	ND	20.0									
LCS (2336050-BS1)							Prepared: 0	9/06/23	Analyzed: 09/06/23		
Chloride	256	20.0	250		103	90-110					
Matrix Spike (2336050-MS1)				Source:	E308243-	)1	Prepared: 0	9/06/23	Analyzed: 09/06/23		
Chloride	7460	200	250	9090	NR	80-120			M4		
Matrix Spike Dup (2336050-MSD1)				<b>Source: E308243-01</b> Prepared: 09					/06/23 Analyzed: 09/06/23		
Chloride	9740	200	250	9090	262	80-120	26.6	20	M4, R2		

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



### **Definitions and Notes**

ſ	NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L1	
l	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	09/08/23 12:59

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

R2 The RPD exceeded the acceptance limit.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



# Chain of Custody

Wesley Matthews

Work Order No: <u>E30824</u> 2 200#01058-0007	
Page1 of1	
Work Order Comments	
n: UST/PST □PRP □3rownfields □RRC □uperfun Project:	ıd 🗌
g:Level II	<b>√</b> □
Preservative Codes	

Company Name:					Company Name:			Devon Energy					Program: UST/PST PRP Brownfields RRC uperfund										
Address:	209 \	W McKay	St			Address:			6488	Seve	n Rive	ers Hig	hway				of Proje						
City, State ZIP:	Carls	sbad, NM	88220			City, Stat	e ZIP:		Artes	ia, NN	и 882	10				Repo	ting:Leve	l II 🗌 Lev	el III	)st	T/UST TRRP	☐ Level IV ☐	
Phone:	(432)	701-2159	9		Email:	Wesley.	Matthew	s@dvn.	com							Delive	erables: I	EDD	Αſ	DaP	T Other:		
Project Name:	N	North Thisl	e 2 State #00	2H L1	Turr	Around							А	NALY	SIS RE	EQUEST					Preservative Codes		
Project Number:			237627		✓ Routine	Rush	1	Pres. Code														DI Water: H <sub>2</sub> O	
Project Location		Le	ea Co, NM		Due Date:																MeOH: Me		
		Grant Gar	rdner, Joey Pi	nson	TAT starts the					MRO)										the state of the s	HNO <sub>3</sub> : HN		
PO #:		21198816		lab, if rece	ived by 4:3	0pm	S		+												NaOH: Na		
SAMPLE RECE	IPT			Yes No	Wet Ice:	Yes No		Parameters	8	DRO	4500			ŀ							H <sub>3</sub> PO <sub>4</sub> HP		
Received Intact:		Ye	No No	Thermom	eter ID:	- 3		arar	8021B	GRO +	de 4									HOLD	NaHSO <sub>4</sub> NABIS		
Cooler Custody Sea	als:	Yes	No N/A	Correction	n Factor:			Δ.	TEX	-	Chloride					4		1 1		포	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Sample Custody Se	eals:	Yes	No N/A	Temperat	ure Reading:	4			m	15M	5										Zn Acetate+NaOl	H: Zn	
Total Containers:		9 Corr		Corrected	Temperature:					1 80-1											NaOH+Ascorbic A	Acid SAPC	
Sample Identification		Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		19H	TPT											Sample Co	omments
V-1		1-1.5'	8/29/2023		Х		Grab	1	Х	Х	Х									I			
V-1		2-2.5'	8/29/2023		Х		Grab	1	Х	Х	Х								12	2			
V-1		3-3.5'	8/29/2023		Х		Grab	1	Х	Х	Х									3			
V-1		4-4.5	8/29/2023		Х		Grab	1	X	Х	Х									4			
V-2		1-1.5'	8/29/2023		Х		Grab	1	Х	Х	Х									5			
V-4		2-2.5'	8/29/2023		Х		Grab	1	Х	Х	Х							1		0			
V-5	112	1-1.5'	8/29/2023		Х		Grab	1	Х	Х	Х								-	7			
V-5		2-2.5'	8/29/2023		Х		Grab	1	Х	X	Х							1 2 8	<	ż			
V-6		2-2.5'	8/29/2023		Х		Grab	1	Х	Х	Х								(	3			

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.

Bill to: (if different)

Relinquished by: (Signature)	Received by: (Signature) Date/Time Re		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 010	Miailee Sough	8-31-23 115	2 Michelle Court	Andre M150	8.31.73 2000
3 Andra Musso	Carte man	9/1/23 5:45	4		1 62
5			6		

Received by OCD: 1/15/2024 12:34:35 PM

Printed: 9/1/2023 11:09:05AM

#### **Envirotech Analytical Laboratory**

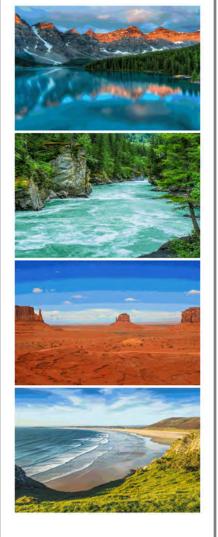
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Oli i	NTG-New Tech Global Environmental	Data Baraina di	00/01/22	05.45	W. 1.0.1. W	F200044
Client:		Date Received:	09/01/23		Work Order II	
Phone:		Date Logged In:	08/31/23		Logged In By	: Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	09/08/23	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location mate	h the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	'ourier	
4. Was th	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No		<u> </u>	
5. Were a	Il samples received within holding time?	•	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion				Comm	ents/Resolution
Sample T	<u> Curn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not pro	ovided on COC per
Sample C	<u>Cooler</u>				client. SRC Email no	t sent per client
7. Was a	sample cooler received?		Yes		request.	
8. If yes,	was cooler received in good condition?		Yes		•	
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample t	emperature: 4°0	<u> </u>			
Sample (	Container	_				
	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are n	on-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample contained	ers collected?	Yes			
Field Lal	<u>oel</u>					
	field sample labels filled out with the minimum infor	mation:				
	ample ID?		Yes			
	rate/Time Collected?		Yes			
_	Preservation		No			
	the COC or field labels indicate the samples were pre	served?	No			
	ample(s) correctly preserved?	serveu.	NA			
	filteration required and/or requested for dissolved me	etals?	No			
	se Sample Matrix		110			
	the sample have more than one phase, i.e., multiphase	<b>5</b> 9	No			
	, does the COC specify which phase(s) is to be analyz		NA			
		.ou.	INA			
	act Laboratory	9	3.7			
	amples required to get sent to a subcontract laboratory subcontract laboratory specified by the client and if s		No NA	Subcontract Lab	:	
Client I	<u>istruction</u>					
<u> </u>						
Signat	ure of client authorizing changes to the COC or sample dispo	osition.			Date	— 🥝 envirotech I

Report to: Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

NTG-New Tech Global Environmental

Project Name: North Thistle 2 State #002H L2

Work Order: E308241

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/8/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/8/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: North Thistle 2 State #002H L2

Workorder: E308241

Date Received: 9/1/2023 5:45:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: North Thistle 2 State #002H L2.

The analytical test results summarized in this report with the Project Name: North Thistle 2 State #002H L2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

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Envirotech Web Address: www.envirotech-inc.com



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### Sample Summary

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	Donoutoda
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/08/23 12:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 1-1.5'	E308241-01A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-1 2-2.5'	E308241-02A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-2 1-1.5'	E308241-03A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-2 2-2.5'	E308241-04A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-3 1-1.5'	E308241-05A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-3 2-2.5'	E308241-06A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-4 1-1.5'	E308241-07A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-4 2-2.5'	E308241-08A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-5 1-1.5'	E308241-09A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-5 2-2.5'	E308241-10A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-6 1-1.5'	E308241-11A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-6 2-2.5'	E308241-12A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-1 1-1.5' E308241-01

	E300241-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY	<u>-</u>	Batch: 2335103
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0500	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
	94.1 %	70-130	09/01/23	09/02/23	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2335103
ND	20.0	1	09/01/23	09/02/23	
	92.0 %	70-130	09/01/23	09/02/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2335114
ND	25.0	1	09/01/23	09/05/23	
ND	50.0	1	09/01/23	09/05/23	
	105 %	50-200	09/01/23	09/05/23	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2335107
ND	20.0	1	09/07/23	09/07/23	
	mg/kg ND Mg/kg ND mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           94.1 %         mg/kg           MD         20.0           92.0 %         mg/kg           MD         25.0           ND         50.0           105 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           94.1 %         70-130         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           Mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           105 %         50-200           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23           ND         50.0         1         09/01/23           ND         50.0         1         09/01/23           ND         50.0         1         09/01/23           ND         50.0         09/01/23           ND         50.0         09/01/23	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0500         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           mg/kg         mg/kg         Analyst: IY         ND         20.0         1         09/01/23         09/02/23           mg/kg         mg/kg         Analyst: IJ         ND         25.0         1         09/01/23         09/02/23           ND         25.0         1         09/01/23         09/05/23           ND         50.0         1         09/01/23         09/05/23           ND         50.0         1         09/01/23         09/05/23           ND         50.0         0         0/01/23         09/05/23

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-1 2-2.5'

E308241-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/05/23	
Surrogate: n-Nonane		107 %	50-200	09/01/23	09/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/07/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-2 1-1.5'

#### E308241-03

Reporting							
Result	Limit	Dilutio	on Prepared	Analyzed	Notes		
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2335103		
ND	0.0250	1	09/01/23	09/02/23			
ND	0.0250	1	09/01/23	09/02/23			
ND	0.0250	1	09/01/23	09/02/23			
ND	0.0250	1	09/01/23	09/02/23			
ND	0.0500	1	09/01/23	09/02/23			
ND	0.0250	1	09/01/23	09/02/23			
	94.6 %	70-130	09/01/23	09/02/23			
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2335103		
ND	20.0	1	09/01/23	09/02/23			
	93.9 %	70-130	09/01/23	09/02/23			
mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2335114		
ND	25.0	1	09/01/23	09/05/23			
ND	50.0	1	09/01/23	09/05/23			
	103 %	50-200	09/01/23	09/05/23			
mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2335107		
ND	20.0	1	09/07/23	09/07/23			
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0250           mg/kg         mg/kg           MD         20.0           93.9 %         mg/kg           MD         25.0           ND         50.0           103 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Ar           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           MB/kg         mg/kg         Ar           ND         20.0         1           MB/kg         mg/kg         Ar           ND         25.0         1           ND         50.0         1           103 %         50-200           mg/kg         mg/kg         Ar	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23           ND         50.0         0         09/01/23           ND	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0500         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           mg/kg         mg/kg         Analyst: IY         ND         20.0         1         09/01/23         09/02/23           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         09/01/23         09/05/23           ND         25.0         1         09/01/23         09/05/23           ND         50.0         <		



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

V-2 2-2.5'

E3082	111	വ 4
F.SUA	.4   -	114

		200021101				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	*	7 mary zea	Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/05/23	
Surrogate: n-Nonane		99.0 %	50-200	09/01/23	09/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/07/23	



# Sample Data

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-3 1-1.5'

E308241-05						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/05/23	
Surrogate: n-Nonane		99.4 %	50-200	09/01/23	09/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/07/23	



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

### Sample Data

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-3 2-2.5' E308241-06

Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2335103	
Benzene	ND	0.0250	1	09/01/23	09/02/23		
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23		
Toluene	ND	0.0250	1	09/01/23	09/02/23		
o-Xylene	ND	0.0250	1	09/01/23	09/02/23		
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23		
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23		
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	09/01/23	09/02/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2335103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	09/01/23	09/02/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2335114	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/05/23		
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/05/23		

103 %

mg/kg

20.0

mg/kg

ND

50-200

09/01/23

09/07/23

Analyst: BA

1

09/05/23

09/08/23

Batch: 2335107



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-4 1-1.5'

E20	18241	1 07
P/4.71	10241	

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/06/23	
Surrogate: n-Nonane		104 %	50-200	09/01/23	09/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-4 2-2.5'

#### E308241-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/06/23	
Surrogate: n-Nonane		97.8 %	50-200	09/01/23	09/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-5 1-1.5' E308241-09

		E308241-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilution	Frepareu	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/06/23	
Surrogate: n-Nonane		103 %	50-200	09/01/23	09/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

### V-5 2-2.5'

		E308241-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/06/23	
Surrogate: n-Nonane		103 %	50-200	09/01/23	09/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-6 1-1.5'

#### E308241-11

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2335103
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
ND	0.0500	1	09/01/23	09/02/23	
ND	0.0250	1	09/01/23	09/02/23	
	94.3 %	70-130	09/01/23	09/02/23	
mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2335103
ND	20.0	1	09/01/23	09/02/23	
	94.6 %	70-130	09/01/23	09/02/23	
mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2335114
ND	25.0	1	09/01/23	09/06/23	
ND	50.0	1	09/01/23	09/06/23	
	97.0 %	50-200	09/01/23	09/06/23	
mg/kg	97.0 % mg/kg		09/01/23 nalyst: BA	09/06/23	Batch: 2335107
	mg/kg  ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           94.3 %         mg/kg           ND         20.0           94.6 %         mg/kg           ND         25.0	Result         Limit         Dilution           mg/kg         mg/kg         And a	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0500         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           ND         0.0250         1         09/01/23         09/02/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/02/23           mg/kg         mg/kg         Analyst: JL         ND         09/02/23           ND         25.0         1         09/01/23         09/06/23



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

#### V-6 2-2.5'

#### E308241-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2335103
Benzene	ND	0.0250	1	09/01/23	09/02/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/02/23	
Toluene	ND	0.0250	1	09/01/23	09/02/23	
o-Xylene	ND	0.0250	1	09/01/23	09/02/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/02/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/02/23	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2335103
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/02/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	09/01/23	09/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2335114
Diesel Range Organics (C10-C28)	ND	25.0	1	09/01/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/01/23	09/06/23	
Surrogate: n-Nonane		94.3 %	50-200	09/01/23	09/06/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2335107
Chloride	ND	20.0	1	09/07/23	09/08/23	



		QC bi	<b>411111</b>	ary Data	и				
NTG-New Tech Global Environmental		Project Name:	1	North Thistle 2	State #002	2H L2			Reported:
911 Regional Park Dr.		Project Number:	(	01058-0007					
Houston TX, 77060		Project Manager:	]	Ethan Sessums				9	9/8/2023 12:20:39PM
		Volatile O	rganics	by EPA 802	21B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335103-BLK1)							Prepared: 0	9/01/23 An	alyzed: 09/02/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			
LCS (2335103-BS1)							Prepared: 0	9/01/23 An	alyzed: 09/02/23
Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
p-Xylene	5.00	0.0250	5.00		99.9	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			
Matrix Spike (2335103-MS1)				Source:	E308240-	23	Prepared: 0	9/01/23 An	alyzed: 09/02/23
Benzene	4.86	0.0250	5.00	ND	97.2	54-133			
Ethylbenzene	4.83	0.0250	5.00	ND	96.6	61-133			
Toluene	4.88	0.0250	5.00	ND	97.7	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.8	63-131			
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			
Matrix Spike Dup (2335103-MSD1)				Source:	E308240-	23	Prepared: 0	9/01/23 An	alyzed: 09/02/23
Benzene	5.09	0.0250	5.00	ND	102	54-133	4.61	20	
Ethylbenzene	5.08	0.0250	5.00	ND	102	61-133	5.13	20	
Toluene	5.13	0.0250	5.00	ND	103	61-130	4.95	20	
o-Xylene	5.08	0.0250	5.00	ND	102	63-131	4.91	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	4.89	20	
Total Xylenes	15.4	0.0250	15.0	ND	103	63-131	4.89	20	



70-130

Surrogate: 4-Bromochlorobenzene-PID

NTG-New Tech Global Environmental 911 Regional Park Dr.	Project Name: Project Number:	North Thistle 2 State #002H L2 01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

Houston TX, 77060		Project Manage	r: Etl	han Sessums				9/	8/2023 12:20:39PM
	Nor	nhalogenated	Organics l	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2335103-BLK1)							Prepared: 0	9/01/23 Ana	lyzed: 09/02/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			
LCS (2335103-BS2)							Prepared: 0	9/01/23 Ana	lyzed: 09/02/23
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			
Matrix Spike (2335103-MS2)				Source:	E308240-	23	Prepared: 0	9/01/23 Ana	lyzed: 09/02/23
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			
Matrix Spike Dup (2335103-MSD2)				Source:	E308240-	23	Prepared: 0	9/01/23 Ana	lyzed: 09/02/23
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130	4.13	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	•
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 12:20:39PM

Houston TX, 77060		Project Manage	r: Eti	han Sessums					9/8/2023 12:20:39PM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335114-BLK1)							Prepared: 0	9/01/23 A	nalyzed: 09/05/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.3		50.0		98.7	50-200			
LCS (2335114-BS1)							Prepared: 0	9/01/23 A	nalyzed: 09/05/23
Diesel Range Organics (C10-C28)	256	25.0	250		103	38-132			
Surrogate: n-Nonane	49.6		50.0		99.2	50-200			
Matrix Spike (2335114-MS1)				Source:	E308241-	12	Prepared: 0	9/01/23 A	nalyzed: 09/05/23
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	48.8		50.0		97.5	50-200			
Matrix Spike Dup (2335114-MSD1)				Source:	E308241-	12	Prepared: 0	9/01/23 A	nalyzed: 09/05/23
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	3.60	20	
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

### **QC Summary Data**

NTG-New Tech Global Environmental		Project Name:		orth Thistle 2	State #002	H L2			Reported:
911 Regional Park Dr.		Project Number:		1058-0007					0/0/2022 12 20 2077
Houston TX, 77060		Project Manager:	E	than Sessums					9/8/2023 12:20:39PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	<b>A</b>				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335107-BLK1)							Prepared: 0	9/01/23 A	Analyzed: 09/07/23
Chloride	ND	20.0							
LCS (2335107-BS1)							Prepared: 0	9/01/23 A	Analyzed: 09/07/23
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2335107-MS1)				Source:	E308240-2	21	Prepared: 0	9/01/23 A	Analyzed: 09/07/23
Chloride	2850	20.0	250	2530	126	80-120			M4
Matrix Spike Dup (2335107-MSD1)				Source:	E308240-2	21	Prepared: 0	9/01/23 A	Analyzed: 09/07/23
Chloride	2950	20.0	250	2530	168	80-120	3.68	20	M4

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



### **Definitions and Notes**

ſ	NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L2	
١	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
١	Houston TX, 77060	Project Manager:	Ethan Sessums	09/08/23 12:20

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



### Chain of Custody

# Work Order No: <u>E308241</u> Job # 01058-0007

raiget Managar	Ethan 9	Sessums	0			Dill to 10			Mook	au Ma	tth our		-					Mork	Ordor	Page1_ Comments	of2
						Bill to: (if a	1111		Wesl			5	_				. منطود د	7.00	117		п
	- X - 2/2	nvironme	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Company	Name:	-	Devo									ST UPRP	Brow	nfields RRC	uperfund
	2012	McKay S	-150			Address:			6488	Seve	n Rive	rs Hig	hway			State of P		П	П		пП
ity, State ZIP:	Carlsba	ad, NM 88	8220	-		City, Stat	e ZIP:		Artes	ia, NN	1 882	10				Land Land Land				/UST TRRP	☐ Level IV ☐
none:	(432) 7	01-2159			Email:	Wesley.	Matthew	s@dvn.	com							Deliverable	es: EDI	о Ц	ADaP	T Other:	
roject Name:	Nor	th Thisle	2 State #00	2H L2	Turn	Around								NALY	SIS REC	UEST				Preservati	ve Codes
roject Number:		2	237627		✓ Routine	Rush	1	Pres. Code												None: NO	DI Water: H <sub>2</sub> O
roject Location		Lea	Co, NM		Due Date:		4						7 = 7	4.7						Cool: Cool	MeOH: Me
ampler's Name:	Gr	ant Gard	ner, Joey Pi	nson	TAT starts the					MRO)				1				1 1		HCL: HC	HNO <sub>3</sub> : HN
O #:		21	1198816		lab, if rece	ived by 4:3	0pm	2		+								1 1		H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na
AMPLE RECEIF	T	Temp	Blank:	Yes No	Wet Ice:	Yes	) No	Parameters	9	DRO	200							1 1		H <sub>3</sub> PO <sub>4</sub> : HP	
eceived Intact:		Yes	) No	Thermom	eter ID:			arar	8021B	GRO +	de 4					1 1	1		HOLD	NaHSO <sub>4</sub> NABIS	
ooler Custody Seals		Yes I		Correction		,,		ů.	втех	-	Chloride 4500		- 4					1 1	Ĭ	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>	
ample Custody Seal	s:	Yes I			ure Reading:	4				8015M	O							1 1		Zn Acetate+NaOl	
otal Containers:			12	Corrected	Temperature:													1 1		NaOH+Ascorbic A	Acid SAPC
Sample Identification	De	pth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										Sample Co	omments
V-1	1-	1.5'	8/29/2023		X		Grab	1	Х	Х	Х								1		
V-1	2-2	2.5'	8/29/2023		X		Grab	1	Х	X	Х								2		
V-2	1-	1.5'	8/29/2023		Х		Grab	1	Х	Х	X								3		
V-2	2-	2.5'	8/29/2023		Х		Grab	1	Х	Х	Х								4		
V-3	1-	1.5'	8/29/2023		Х		Grab	1	Х	Х	Х								5		
V-3	2-2	2.5'	8/29/2023		Х		Grab	1	Х	Х	Х								6		
V-4	1-	1.5'	8/29/2023		Х		Grab	1	Х	Х	Х								7		
V-4	2-	2.5'	8/29/2023		X		Grab	1	Х	Х	Х								8		
V-5	1-	1.5'	8/29/2023		X		Grab	1	X	Х	Х								9		
V-5	2-	2.5'	8/20/2023		Y		Grah	1	Y	Y	Y								In		

#### Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 PW	Midelle Cours	8-31:23 1115	emille Course	Andrew Musco	Q.31.23 2000
3 Andres muse	Carth man	9/1/23 5:45	4		
5			6		

Received by OCD: 1/15/2024 12:34:35 PM

### Chain of Custody

Work Order No: <u>E308241</u> 500 # 01058-0007

Project Manager:	Ethan Sessum	S			Bill to: (if	different)		Wesl	еу Ма	tthews						Work	Order	Comments	
Company Name:	NTG Environm	ental			Company	Name:		Devo	n Ene	rgy				Progra	m: UST	PST PRP	Brow	nfields RRC u	perfund [
Address:	209 W McKay	St			Address:			6488	Seve	n River	s Highw	vay		State o	f Projec	et:			
City, State ZIP:	Carlsbad, NM	88220			City, Stat	e ZIP:		Artes	ia, NN	A 8821	)			Reporti	ng:Leve	III 🗌 Level III	□ s	T/UST TRRP	Level IV
Phone:	(432) 701-2159	9		Email:	Wesley	Matthew	/s@dvn.	com						Deliver	ables: E	DD 🗌	ADaF	PT Other:	
Project Name:	North Thisl	e 2 State #00	2H L2	Tur	Around							ANAL	YSIS R	EQUEST				Preservative (	Codes
Project Number:		237627		✓ Routine	Rush	1	Pres. Code											Lawrence Carlo	Water: H₂O
Project Location	Le	ea Co, NM		Due Date:															OH: Me
Sampler's Name:	Grant Gar	rdner, Joey Pi	nson	TAT starts the					MRO)					1 1				HCL HC HN	O <sub>3</sub> : HN
PO #:		21198816		lab, if rece	eived by 4:3	0pm	S.		+					1 1				H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> Na0	OH: Na
SAMPLE RECEI	PT Ten	np Blank:	Yes No	Wet Ice:	Yes	) No	Parameters	8	DRO	200								H <sub>3</sub> PO <sub>4</sub> HP	
Received Intact:	(Ye		Thermom				araı	8021B	402	Chloride 4500					- 1		HOLD	NaHSO <sub>4</sub> NABIS	
Cooler Custody Seal		No N/A	Correction		,,		_	ВТЕХ	(GF	hlori				1 1			Ť	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>	
Sample Custody Sea Total Containers:	als: Yes	No N/A		ture Reading:	4				8015M ( GRO	O		W						Zn Acetate+NaOH: Z	
		12	Corrected	Temperature:			10.00		трн 80									NaOH+Ascorbic Acid	SAPC
Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		<b>1</b> 1									Sample Com	nents
V-6	1-1.5'	8/29/2023		Х		Grab	1	X	X	Х							11		
V-6	2-2.5'	8/29/2023		Х		Grab	1	Х	Х	Х							12		
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Additi	onal Comment	s:																	

Relinquished by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date/Time

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Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signatu

Received by OCD: 1/15/2024 12:34:35 PM

Printed: 9/1/2023 10:57:46AM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

	To respond to need many them 2 . nours or t			1	,		
Client:	NTG-New Tech Global Environmental	Date Received:	09/01/23 05:	45	Work Ord	er ID:	E308241
Phone:	(281) 872-9300	Date Logged In:	08/31/23 14:	50	Logged In	ı By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	09/08/23 17:	00 (4 day TAT)		•	
1. Does th	Custody (COC) e sample ID match the COC? e number of samples per sampling site location mat	tch the COC	Yes Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	COC complete, i.e., signatures, dates/times, reques	sted analyses?	No	_			
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>Co</u>	mmen	ts/Resolution
	urn Around Time (TAT)				Ti		.4-4 COO
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Time sampled not	-	<del>-</del>
Sample C	ooler ample cooler received?		Yes		client. SRC email	not se	ent per client
	was cooler received in good condition?				request.		
•	<del>-</del>		Yes				
	sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling risible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C			_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	• • • • • • • • • • • • • • • • • • • •	0					
	on-VOC samples collected in the correct containers'		Yes				
	ppropriate volume/weight or number of sample contain	iers conecteur	Yes				
Sa Da	el Tield sample labels filled out with the minimum info Imple ID?  ate/Time Collected?  bilectors name?	ormation:	Yes Yes No				
Sample P	reservation		- 10				
21. Does t	he COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	mple(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
	he sample have more than one phase, i.e., multipha	se?	No				
	does the COC specify which phase(s) is to be analy		NA				
		, 2001	11//				
	act Laboratory	0	3.7				
	mples required to get sent to a subcontract laborato subcontract laboratory specified by the client and it	•	No NA Si	ubcontract Lab	o: na		
Client In	struction						
Chent III	sti uction						

Date

Report to:
Ethan Sessums



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

### NTG-New Tech Global Environmental

Project Name: North Thistle 2 State #002H L4

Work Order: E308242

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/8/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/8/23

**Ethan Sessums** 911 Regional Park Dr. Houston, TX 77060

Project Name: North Thistle 2 State #002H L4

Workorder: E308242

Date Received: 9/1/2023 5:45:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: North Thistle 2 State #002H L4.

The analytical test results summarized in this report with the Project Name: North Thistle 2 State #002H L4 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

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**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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### Sample Summary

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	Donoutoda
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/08/23 10:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 1-1.5'	E308242-01A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-1 2-2.5'	E308242-02A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-1 3-3.5'	E308242-03A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-2 1-1.5'	E308242-04A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-2 2-2.5'	E308242-05A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-2 3-3.5'	E308242-06A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-3 1-1.5'	E308242-07A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-3 2-2.5'	E308242-08A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-3 3-3.5'	E308242-09A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-4 1-1.5'	E308242-10A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-4 2-2.5'	E308242-11A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-4 3-3.5'	E308242-12A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-5 1-1.5'	E308242-13A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-5 2-2.5'	E308242-14A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.
V-5 3-3.5'	E308242-15A	Soil	08/29/23	09/01/23	Glass Jar, 2 oz.

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-1 1-1.5' E308242-01

		2000212 01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dili	ution	Frepared	Allalyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		100 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		100 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		90.7 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335108
Chloride	ND	20.0		1	09/01/23	09/07/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

#### V-1 2-2.5' E308242-02

		E308242-02					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Allaryte	Result	Limit	Dilui	ition	Trepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: Г	Y		Batch: 2335104
Benzene	ND	0.0250	1	!	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/05/23	
Toluene	ND	0.0250	1	l	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	l	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	l	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		98.8 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: Γ	Y		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		98.8 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: J	L		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	09/01/23	09/02/23	
Surrogate: n-Nonane		87.2 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	BA		Batch: 2335108
Chloride	ND	20.0	1		09/01/23	09/07/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-1 3-3.5' E308242-03

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0500		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
	106 %	70-130		09/01/23	09/05/23	
	96.3 %	70-130		09/01/23	09/05/23	
	100 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
ND	20.0		1	09/01/23	09/05/23	
	106 %	70-130		09/01/23	09/05/23	
	96.3 %	70-130		09/01/23	09/05/23	
	100 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst	JL		Batch: 2335115
ND	25.0	•	1	09/01/23	09/02/23	_
ND	50.0		1	09/01/23	09/02/23	
	92.4 %	50-200		09/01/23	09/02/23	
mg/kg	mg/kg		Analyst	BA		Batch: 2335108
ND	20.0		1	09/01/23	09/07/23	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO6 %         96.3 %           100 %         100 %           mg/kg         mg/kg           ND         20.0           106 %         96.3 %           100 %         100 %           mg/kg         mg/kg           ND         25.0           ND         50.0           92.4 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           106 %         70-130           96.3 %         70-130           100 %         70-130           mg/kg         mg/kg           ND         20.0           100 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         70-130         1           96.3 %         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           106 %         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           92.4 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           96.3 %         70-130         09/01/23           100 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           100 %         70-130         09/01/23           96.3 %         70-130         09/01/23           100 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23           ND         50.0         1         09/01/23           mg/kg         mg/kg         Analyst: BA	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           96.3 %         70-130         09/01/23         09/05/23           96.3 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/05/23           96.3 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23         09/02/23 <tr< td=""></tr<>



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-2 1-1.5' E308242-04

		E300242-04					
		Reporting			_		
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Benzene	ND	0.0250	į	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	:	1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		99.6 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		99.6 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		90.9 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335108
Chloride	ND	20.0		1	09/01/23	09/07/23	

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-2 2-2.5' E308242-05

	E300242-03					
Dogult.	Reporting	D:1	ntion.	Duomonod	Analyzad	Notes
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: IY		Batch: 2335104
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0500		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
	103 %	70-130		09/01/23	09/05/23	
	97.5 %	70-130		09/01/23	09/05/23	
	101 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst	: IY		Batch: 2335104
ND	20.0		1	09/01/23	09/05/23	
	103 %	70-130		09/01/23	09/05/23	
	97.5 %	70-130		09/01/23	09/05/23	
	101 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst	: ЛL		Batch: 2335115
ND	25.0		1	09/01/23	09/02/23	
ND	50.0		1	09/01/23	09/02/23	
	91.4 %	50-200	·	09/01/23	09/02/23	
mg/kg	mg/kg		Analyst	: BA		Batch: 2335108
ND	20.0		1	09/01/23	09/08/23	
	ND Mg/kg ND Mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO3 %         97.5 %           IO1 %         mg/kg           ND         20.0           IO3 %         97.5 %           IO1 %         mg/kg           MD         25.0           ND         50.0           91.4 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOI         70-130           97.5 %         70-130           101 %         70-130           mg/kg         mg/kg           ND         20.0           103 %         70-130           97.5 %         70-130           101 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           91.4 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         70-130         70-130           97.5 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           103 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           91.4 %         50-200           mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           97.5 %         70-130         09/01/23           97.5 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           97.5 %         70-130         09/01/23           97.5 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           ND         25.0         1         09/01/23           ND         50.0         1         09/01/23           ND         50.0         1 </td <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         Malyste IY           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           97.5 %         70-130         09/01/23         09/05/23           97.5 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23         09/05/23           ND         50.0         1         09/01/23         09/02/23           ND         50.0         1</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         Malyste IY           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           97.5 %         70-130         09/01/23         09/05/23           97.5 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23         09/05/23           ND         50.0         1         09/01/23         09/02/23           ND         50.0         1



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-2 3-3.5' E308242-06

		200021200					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
			- Di	Analyst		7 Hidiy Zed	Batch: 2335104
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Anaryst		00/05/22	Batch: 2555104
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		101 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: IY		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		101 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: ЛL		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.6 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2335108
Chloride	ND	20.0		1	09/01/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-3 1-1.5' E308242-07

		E300242-07					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Timiye	Result	Limit	Dili	411011	Теригеа	7 mary 200	110163
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		103 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		103 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		103 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0		1	09/01/23	09/02/23	
Surrogate: n-Nonane		89.0 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335108
Chloride	ND	20.0		1	09/01/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-3 2-2.5' E308242-08

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335104
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0500		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
	105 %	70-130		09/01/23	09/05/23	
	92.8 %	70-130		09/01/23	09/05/23	
	100 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335104
ND	20.0		1	09/01/23	09/05/23	
	105 %	70-130		09/01/23	09/05/23	
	92.8 %	70-130		09/01/23	09/05/23	
	100 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst:	: Љ		Batch: 2335115
ND	25.0	_	1	09/01/23	09/02/23	
ND	50.0		1	09/01/23	09/02/23	
	91.2 %	50-200		09/01/23	09/02/23	
mg/kg	mg/kg		Analyst:	: BA		Batch: 2335108
ND	20.0		1	09/01/23	09/08/23	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO5 %         92.8 %           100 %         100 %           mg/kg         mg/kg           ND         20.0           IO5 %         92.8 %           100 %         100 %           mg/kg         mg/kg           ND         25.0           ND         50.0           91.2 %         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO5 %         70-130           92.8 %         70-130           IO0 %         70-130           mg/kg         mg/kg           ND         20.0           IO5 %         70-130           92.8 %         70-130           IO0 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           gl.2 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         70-130         1           92.8 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           105 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           91.2 %         50-200           mg/kg         Mg/kg         Analyst	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           92.8 %         70-130         09/01/23           100 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           92.8 %         70-130         09/01/23           92.8 %         70-130         09/01/23           100 %         70-130         09/01/23           100 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23           ND         50.0         1         09/01/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           92.8 %         70-130         09/01/23         09/05/23           92.8 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/05/23           92.8 %         70-130         09/01/23         09/05/23           92.8 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1<



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-3 3-3.5' E308242-09

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335104
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
ND	0.0500		1	09/01/23	09/05/23	
ND	0.0250		1	09/01/23	09/05/23	
	106 %	70-130		09/01/23	09/05/23	
	94.5 %	70-130		09/01/23	09/05/23	
	102 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2335104
ND	20.0		1	09/01/23	09/05/23	
	106 %	70-130		09/01/23	09/05/23	
	94.5 %	70-130		09/01/23	09/05/23	
	102 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst:	: Љ		Batch: 2335115
ND	25.0		1	09/01/23	09/02/23	-
ND	50.0		1	09/01/23	09/02/23	
	89.8 %	50-200		09/01/23	09/02/23	
mg/kg	mg/kg		Analyst	: BA		Batch: 2335108
ND	20.0		1	09/01/23	09/08/23	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO6 %         94.5 %           IO2 %         mg/kg           ND         20.0           IO6 %         94.5 %           IO2 %         mg/kg           Mg/kg         mg/kg           ND         25.0           ND         50.0           89.8 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           106 %         70-130           94.5 %         70-130           102 %         70-130           mg/kg         mg/kg           ND         20.0           106 %         70-130           94.5 %         70-130           102 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           89.8 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         70-130         1           94.5 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           106 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           89.8 %         50-200           mg/kg         Mg/kg         Analyst	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         70-130         09/01/23           94.5 %         70-130         09/01/23           102 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           94.5 %         70-130         09/01/23           102 %         70-130         09/01/23           102 %         70-130         09/01/23           102 %         70-130         09/01/23           ND         25.0         1         09/01/23           ND         50.0         1         09/01/23           ND         50.0         1         09/01/23           8	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           94.5 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/05/23           94.5 %         70-130         09/01/23         09/05/23           102 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         50.0



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-4 1-1.5' E308242-10

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2335104
Benzene	ND	0.0250	1		09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	Į.	09/01/23	09/05/23	
Toluene	ND	0.0250	1	Į.	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	Į.	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	Į.	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1		09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		110 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		103 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY	7		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		110 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		103 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0	1		09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	l	09/01/23	09/02/23	
Surrogate: n-Nonane		85.1 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2335108
7 HIOHS DY E117 500:0/203011		<u> </u>					

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

#### V-4 2-2.5' E308242-11

	E308242-11					
Result	Limit	Dilut	tion P	repared	Analyzed	Notes
mg/kg	mg/kg	I	Analyst: IY			Batch: 2335104
ND	0.0250	1	0	9/01/23	09/05/23	
ND	0.0250	1	0	9/01/23	09/05/23	
ND	0.0250	1	0	9/01/23	09/05/23	
ND	0.0250	1	0	9/01/23	09/05/23	
ND	0.0500	1	0	9/01/23	09/05/23	
ND	0.0250	1	0	9/01/23	09/05/23	
	102 %	70-130	0	9/01/23	09/05/23	
	91.2 %	70-130	0	9/01/23	09/05/23	
	101 %	70-130	0	9/01/23	09/05/23	
mg/kg	mg/kg	I	Analyst: IY			Batch: 2335104
ND	20.0	1	0	9/01/23	09/05/23	
	102 %	70-130	0	9/01/23	09/05/23	
	91.2 %	70-130	0	9/01/23	09/05/23	
	101 %	70-130	0	9/01/23	09/05/23	
mg/kg	mg/kg	A	Analyst: JL			Batch: 2335115
ND	25.0	1	0	9/01/23	09/02/23	
ND	50.0	1	0	9/01/23	09/02/23	
	89.5 %	50-200	0	9/01/23	09/02/23	
mg/kg	mg/kg	A	Analyst: BA			Batch: 2335108
ND	20.0	1	0	9/01/23	09/08/23	·
	ND Mg/kg ND Mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ID         0.0250           ID         91.2 %           ID         50.0           MD         25.0           ND         50.0           89.5 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilu           mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           102 %         70-130         70-130           91.2 %         70-130         1           102 %         70-130         1           91.2 %         70-130         1           101 %         70-130         1           mg/kg         mg/kg         1           ND         25.0         1           ND         50.0         1           89.5 %         50-200           mg/kg         mg/kg         1	Reporting           Result         Limit         Dilution         Properties           Mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         0           ND         0.0250         1         0           ND         0.0250         1         0           ND         0.0500         1         0           ND         0.0250         1         0           ND         0.0250         1         0           91.2 %         70-130         0           91.2 %         70-130         0           101 %         70-130         0           102 %         70-130         0           91.2 %         70-130         0           101 %         70-130         0           101 %         70-130         0           101 %         70-130         0           101 %         70-130         0           101 %         70-130         0           101 %         70-130         0           101 %         70-130         0           101 %         70-130         0           100         1         <	Reporting         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           91.2 %         70-130         09/01/23           91.2 %         70-130         09/01/23           101 %         70-130         09/01/23           102 %         70-130         09/01/23           91.2 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           91.2 %         70-130         09/01/23         09/05/23           101 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23         09/05/23           nD         25.0         1         09/01/23         09/02/23           ND         50.0         1         <



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-4 3-3.5' E308242-12

		E308242-12					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Timuye					•	rmaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2335104
Benzene	ND	0.0250	1	l	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	l	09/01/23	09/05/23	
Toluene	ND	0.0250	1	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	l	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		102 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		104 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		102 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/02/23	
Surrogate: n-Nonane		95.4 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335108
Chloride	ND	20.0	1	1	09/01/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-5 1-1.5' E308242-13

		E308242-13					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Thayte						rmaryzea	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Benzene	ND	0.0250	1	l	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		101 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		105 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		101 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/01/23	09/02/23	
Surrogate: n-Nonane		88.6 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335108
Chloride	ND	20.0	1	1	09/01/23	09/08/23	



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-5 2-2.5' E308242-14

Result	Reporting	Dilu	ıtion	Prepared	Analyzed	Notes
				•	7 mary zed	
mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
ND	0.0250	1	1	09/01/23	09/05/23	
ND	0.0250	1	1	09/01/23	09/05/23	
ND	0.0250	1	1	09/01/23	09/05/23	
ND	0.0250	1	1	09/01/23	09/05/23	
ND	0.0500	1	1	09/01/23	09/05/23	
ND	0.0250	1	1	09/01/23	09/05/23	
	105 %	70-130		09/01/23	09/05/23	
	96.4 %	70-130		09/01/23	09/05/23	
	101 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
ND	20.0	1	1	09/01/23	09/05/23	
	105 %	70-130		09/01/23	09/05/23	
	96.4 %	70-130		09/01/23	09/05/23	
	101 %	70-130		09/01/23	09/05/23	
mg/kg	mg/kg		Analyst:	JL		Batch: 2335115
ND	25.0	1	1	09/01/23	09/02/23	
ND	50.0	1	1	09/01/23	09/02/23	
	88.4 %	50-200		09/01/23	09/02/23	
mg/kg	mg/kg		Analyst:	BA		Batch: 2335108
ND	20.0	1	1	09/01/23	09/08/23	
	MD ND ND ND ND ND ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOD         0.0250           IOD         96.4 %           IOD         4%           IOD         96.4 %           IOD         4%           IOD         96.4 %           IOD         86.4 %           ND         25.0           ND         50.0           88.4 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilu           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO5 %         70-130           96.4 %         70-130           IO1 %         70-130           mg/kg         mg/kg           ND         20.0           IO5 %         70-130           96.4 %         70-130           IO1 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           88.4 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130         1           96.4 %         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           105 %         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           88.4 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0500         1         09/01/23           ND         0.0250         1         09/01/23           ND         0.0250         1         09/01/23           96.4 %         70-130         09/01/23           101 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           105 %         70-130         09/01/23           96.4 %         70-130         09/01/23           101 %         70-130         09/01/23           101 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         09/01/23           ND         50.0         1         09/01/23	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         09/01/23         09/05/23           ND         0.0500         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           ND         0.0250         1         09/01/23         09/05/23           96.4 %         70-130         09/01/23         09/05/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/05/23           96.4 %         70-130         09/01/23         09/05/23           96.4 %         70-130         09/01/23         09/05/23           101 %         70-130         09/01/23         09/05/23           mg/kg



NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

### V-5 3-3.5' E308242-15

		E500242-15					
Analyte	Result	Reporting Limit	Dilı	ıtion	Prepared	Analyzed	Notes
·					•	rmaryzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2335104
Benzene	ND	0.0250		1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250		1	09/01/23	09/05/23	
Toluene	ND	0.0250		1	09/01/23	09/05/23	
o-Xylene	ND	0.0250		1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500		1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250		1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		102 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2335104
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8		102 %	70-130		09/01/23	09/05/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2335115
Diesel Range Organics (C10-C28)	ND	25.0		1	09/01/23	09/02/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	09/01/23	09/02/23	
Surrogate: n-Nonane		91.1 %	50-200		09/01/23	09/02/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2335108
Chloride	ND	20.0		1	09/01/23	09/08/23	



### **QC Summary Data**

North Thistle 2 State #002H L4 NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/8/2023 10:47:41AM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2335104-BLK1) Prepared: 09/01/23 Analyzed: 09/05/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.515 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.490 0.500 98.0 70-130 0.500 102 70-130 Surrogate: Toluene-d8 0.510 LCS (2335104-BS1) Prepared: 09/01/23 Analyzed: 09/05/23 2.68 0.0250 2.50 107 70-130 Benzene 2.50 110 70-130 2.74 Ethylbenzene 0.0250 2.69 0.0250 2.50 107 70-130 2.97 119 70-130 0.0250 2.50 o-Xylene 5.81 5.00 116 70-130 p,m-Xylene 0.0500 8.78 0.0250 7.50 117 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.545 0.500 109 70-130 0.500 95.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 70-130 Surrogate: Toluene-d8 0.500 0.516 Matrix Spike (2335104-MS1) Source: E308242-05 Prepared: 09/01/23 Analyzed: 09/05/23 2.54 0.0250 2.50 ND 102 48-131 45-135 Ethylbenzene 2.58 0.0250 2.50 ND 103 48-130 Toluene 2.51 0.0250 2.50 ND 100 2.59 0.0250 2.50 ND 104 43-135 o-Xylene 5.08 ND 102 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.67 0.0250 7.50 ND 102 43-135 0.525 0.500 105 70-130 Surrogate: Bromofluorobenzene 0.500 93.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.470 0.500 70-130 0.506 Surrogate: Toluene-d8 Matrix Spike Dup (2335104-MSD1) Source: E308242-05 Prepared: 09/01/23 Analyzed: 09/05/23 2.67 0.0250 2.50 ND 107 48-131 4.81 23 0.0250 2.50 ND 45-135 4.03 27 Ethylbenzene ND 105 48-130 24 2.61 2.50 4.16 Toluene 0.0250 o-Xylene 2.77 0.0250 2.50 ND 111 43-135 6.46 27 5.41 5.00 ND 108 43-135 27 6.36 p,m-Xylene 0.0500



27

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

8.18

0.527

0.491

0.502

0.0250

7.50

0.500

0.500

0.500

ND

109

105

98.1

43-135

70-130

70-130

70-130

6.39

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

### **QC Summary Data**

NTG-New Tech Global Environmental Project Name: North Thistle 2 State #002H L4

911 Regional Park Dr. Project Number: 01058-0007

Houston TX, 77060 Project Manager: Ethan Sessums 9/8/2023 10:47:41AM

Houston TX, 77060		Project Number Project Manager		han Sessums					9/8/2023 10:47:41AM
	Nor	halogenated	Organics l	by EPA 801	5D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	:
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335104-BLK1)							Prepared: 0	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			
LCS (2335104-BS2)							Prepared: 0	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	56.6	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
Matrix Spike (2335104-MS2)				Source: 1	E308242-0	05	Prepared: 0	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	60.4	20.0	50.0	ND	121	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			
Matrix Spike Dup (2335104-MSD2)				Source: 1	E308242-0	05	Prepared: 0	9/01/23	Analyzed: 09/05/23
Gasoline Range Organics (C6-C10)	59.2	20.0	50.0	ND	118	70-130	2.00	20	
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			

0.500

0.500

0.473

0.513

70-130

70-130

94.6

103



# **QC Summary Data**

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/8/2023 10:47:41AM

Houston TX, 77060		Project Manage	r: Et	han Sessums					9/8/2023 10:47:41AM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2335115-BLK1)							Prepared: 0	9/01/23 A	nalyzed: 09/02/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.0		50.0		87.9	50-200			
LCS (2335115-BS1)							Prepared: 0	9/01/23 A	nalyzed: 09/02/23
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	38-132			
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			
Matrix Spike (2335115-MS1)				Source:	E308242-	02	Prepared: 0	9/01/23 A	nalyzed: 09/02/23
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	44.2		50.0		88.4	50-200			
Matrix Spike Dup (2335115-MSD1)				Source:	E308242-	02	Prepared: 0	9/01/23 A	nalyzed: 09/02/23
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	2.35	20	
Surrogate: n-Nonane	41.4		50.0		82.8	50-200			



### **QC Summary Data**

NTG-New Tech Global Environmental 911 Regional Park Dr.		Project Name: Project Number:		North Thistle 2	State #002	H L4			Reported:
Houston TX, 77060		Project Manager	: І	Ethan Sessums					9/8/2023 10:47:41AM
		Anions	by EPA	300.0/9056	4				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2335108-BLK1)							Prepared: 0	9/01/23 A	analyzed: 09/07/23
Chloride  LCS (2335108-BS1)	ND	20.0					Prepared: 0	9/01/23 A	analyzed: 09/07/23
Chloride  Matrix Spike (2335108-MS1)	254	20.0	250	Source:	101 <b>E308242-</b> 0	90-110 <b>)1</b>	Prepared: 0	9/01/23 A	analyzed: 09/07/23
Chloride	249	20.0	250	ND	99.8	80-120			
Matrix Spike Dup (2335108-MSD1)				Source:	E308242-	)1	Prepared: 0	9/01/23 A	analyzed: 09/07/23
Chloride	249	20.0	250	ND	99.5	80-120	0.253	20	

#### QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



### **Definitions and Notes**

NTG-New Tech Global Environmental	Project Name:	North Thistle 2 State #002H L4	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/08/23 10:47

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





# Work Order No: <u>E308242</u> JOD # 01058-0007

roject Manager:	Ethan Sessun	ns			Bill to: (if	different)		Wesl	ey Ma	tthew	3						Work	Order	Comments	
Company Name:	NTG Environr	mental			Company	Name:		Devo	n Ene	rgy					rogram	: UST/F	ST PRP	Brow	nfields RRC	_uperfund _
address:	209 W McKay	St			Address:			6488	Seve	n Rive	rs High	way			State of	Project				
City, State ZIP:	Carlsbad, NM	88220			City, Stat	e ZIP:		Artes	T 1 1 1 1 1	17.7					Reporting	g:Level	I 🗌 Level I	II 🕒st	UST TRRP	Level IV
Phone:	(432) 701-215	59		Email:	Wesley.		s@dvn.	com							Deliverat	oles: ED	DD 🔲	ADaP	T Other:	
Project Name:	North This	sle 2 State #00	2011	Torre	Around							ANI	AL VOIC	REQL	IECT				Preservativ	un Codon
Project Number:	North This	237627	ZI1 L4	Routine	Rush		Pres.					ANA	ALTSI	REQU	JES I		T			DI Water: H <sub>2</sub> O
Project Number.		ea Co, NM					Code						+			-				
Sampler's Name:		ardner, Joey Pi	inson	Due Date: TAT starts the	day rocaliy	d by the			(0)											MeOH: Me HNO <sub>3</sub> : HN
00 #:	Orani Oc	21198816	113011		eived by 4:3		60		+ MRO)										NaOH: Na	
SAMPLE RECEI	PT Te	mp Blank:	Yes No	Wet Ice:	Yes	No	rameters	m	DRO	00							1 1		H <sub>3</sub> PO <sub>4</sub> HP	
Received Intact:		es No	Thermom				ram	8021B	+	e 4500				1			1 1	9	NaHSO <sub>4</sub> NABIS	
Cooler Custody Seal	oler Custody Seals: Yes No N/A Correction		Factor:			Ра	втех (	GRO	Chloride							1 1	НОГР	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>		
Sample Custody Sea	als: Yes	No N/A	Temperat	ure Reading:	4			.m	8015M (	r.	1						1 1		Zn Acetate+NaOH	H: Zn
otal Containers:		# 18 15	Corrected	Temperature:					1801				1	1 1			1 1		NaOH+Ascorbic A	Acid SAPC
Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample Co	omments
V-1	1-1.5'	8/29/2023		Х		Grab	1	Х	Х	Х								1		
V-1	2-2.5'	8/29/2023		Х		Grab	1	X	Х	Х								Z		
V-1	3-3.5'	8/29/2023		Х		Grab	1	Х	X	Х								3		
V-2	1-1.5'	8/29/2023		Х		Grab	1	Х	Х	Х								4		
V-2	2-2.5'	8/29/2023		X		Grab	1	Х	X	Х			1				1 - 5	5		
V-2	3-3.5'	8/29/2023		X		Grab	1	X	X	Х								Q		
V-3	1-1.5'	8/29/2023		Х		Grab	1	Х	X	Х								7		
V-3	2-2.5'	8/29/2023		Х		Grab	1	Х	X	Х								8		
V-3	3-3.5'	8/29/2023		Х		Grab	1	Х	Х	Х								d		
V-4	1-1.5'	8/29/2023		Х		Grab	1	Х	Х	Х								10		
Addition	onal Commen	its:																		

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 11	wichill Compa	5-21-23 1115	Ephicull Cly &	andrew must	8-31-23 2000
3 Andler misso	Couth man	9/1/23:8:00	4		
5		5:45	6		

Page 26 of 28

Revised Date 05012020 Rev. 2020

### Chain of Custody

Work Order No: <u>E308242</u>

oject Manager:	Etha	n Sessum	s			Bill to: (if	different)		Wesl	еу Ма	tthew	s							W	ork Or	der (	Comments	
mpany Name:	NTG	Environm	ental			Company	Name:		Devo	n Ene	rgy					F	rogran	n: UST	/PST []	PRP []	Brow	nfields RRC	_uperfund [
dress:	209	W McKay	St			Address:			6488	Seve	n Rive	ers Hi	ghway				State of		_				
y, State ZIP:	Carl	sbad, NM	88220			City, Stat	e ZIP:		Artes	ia, NN	1 882	10				F	Reportin	g:Leve	III 🗌 Le	vel III	PST	UST TRRP	Level IV
one:	(432	2) 701-2159	9		Email:	Wesley.	Matthew	/s@dvn.	com								Delivera	bles:	DD 🗌	A	DaP	T Other:	
oject Name:	1	North Thisl	e 2 State #00	2H L4	Turr	Around								ANAL	YSIS	REQU	IEST					Preservativ	ve Codes
oject Number:			237627		✓ Routine	Rush	Rush Code Pres.												DI Water: H <sub>2</sub> O				
oject Location		Le	ea Co, NM		Due Date:																		MeOH: Me
mpler's Name:			dner, Joey Pi 21198816	nson	TAT starts the lab, if rece	day receive		ę.		+ MRO)												HCL. HC	HNO <sub>3</sub> : HN NaOH: Na
AMPLE RECE	PT	Ten	np Blank:	Yes No	Wet Ice:	Yes	)No	Parameters	18	DRO	4500				1 3			- 1				H <sub>3</sub> PO <sub>4</sub> : HP	
eceived Intact:		(Ye	No No	Thermom	eter ID:			aran	8021B	+	de 4										HOLD	NaHSO <sub>4</sub> NABIS	
oler Custody Sea			No N/A	Correction	n Factor:			ă.	TEX	(GRO	Chloride										웃	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>	
mple Custody Sea	als:	Yes	No N/A		ture Reading:	4				15M	ਹ					1 1						Zn Acetate+NaOl	H: Zn
tal Containers:			185	Corrected	Temperature:					H 801												NaOH+Ascorbic A	Acid SAPC
Sample Identification		Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН												Sample Co	omments
V-4		2-2.5'	8/29/2023		Х		Grab	1	Х	X	X										11		
V-4	1	3-3.5'	8/29/2023		Х		Grab	1	Х	X	X										12		
V-5		1-1.5'	8/29/2023		Х	1	Grab	1	X	X	X										13		
V-5		2-2.5'	8/29/2023		X		Grab	1	Х	X	X										14		
V-5		3-3.5'	8/29/2023		Х		Grab	1	Х	X	X		(in i								15		
- V-6		1-1.5'	8/29/2023	•	X		Grab	-1	X	X	X		7	al	/								
V-6		2-2.5	8/29/2023		X		_Grab	1	_X_	_X_	X	1	1	24	/								
-V-6		3-3.5'	8/29/2023		X		Grab	1	-X-	_X_	_X_		1	21	2				1				
																		+					

Relinquished by: (Signature)

Received by: (

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.

Printed: 9/1/2023 11:01:55AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:		Date Received:	09/01/23		Work Order		
Phone:		Date Logged In:	08/31/23		Logged In I	By: Caitlin Mars	
Email:	esessums@ntglobal.com	Due Date:	09/08/23	17:00 (4 day TAT)			
Chain of	f Custody (COC)						
	the sample ID match the COC?		Yes				
	the number of samples per sampling site location mater	ch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	ne COC complete, i.e., signatures, dates/times, request	ted analyses?	No		<del></del>		
5. Were a	all samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion				<u>Com</u>	nments/Resolution	
Sample 7	<u> Turn Around Time (TAT)</u>				m' i i	:1.1. 606	
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			provided on COC per	
Sample (					client. SRC email n	ot sent per client	
	sample cooler received?		Yes		request.		
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes				
	visible ice, record the temperature. Actual sample t	omperature: 4°	<u> </u>				
	Container		NT-				
	aqueous VOC samples present?		No NA				
	VOC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)?		NA NA				
	a trip blank (TB) included for VOC analyses?		NA NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containers:		Yes				
Field La	· · ·	ers conceted.	103				
20. Were	field sample labels filled out with the minimum infor Sample ID?	rmation:	Yes				
	Date/Time Collected?		No				
C	Collectors name?		No				
Sample l	<u>Preservation</u>						
	the COC or field labels indicate the samples were pre-	eserved?	No				
	sample(s) correctly preserved?		NA				
24. Is lab	o filteration required and/or requested for dissolved me	etals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphase		No				
27. If yes	s, does the COC specify which phase(s) is to be analyzed	zed?	NA				
Subcont	ract Laboratory						
	samples required to get sent to a subcontract laborator	-	No				
29. Was a	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: na		
<u>Client</u> I	<u>nstruction</u>						
						_ (3	
Signa	ture of client authorizing changes to the COC or sample disp	osition.			Date	enviro	otech Inc



September 13, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L5

Enclosed are the results of analyses for samples received by the laboratory on 09/08/23 13:10.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: TP - 1 (1') (H234879-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	< 0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

#### Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



#### Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

#### Sample ID: TP - 1 (2') (H234879-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 % 71.5-1.		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

#### Sample ID: TP - 1 (3') (H234879-03)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 % 71.5-13		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

#### Sample ID: TP - 1 (4') (H234879-04)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 1 (5') (H234879-05)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 2 (1') (H234879-06)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	u by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023

Reported: 09/13/2023

Project Name: NORTH THISTLE 2 STATE #002H L5

mg/kg

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

Sampling Date: 09/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: TP - 2 (2') (H234879-07)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Analyzed By: MS

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## Analytical Results For:

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

Sampling Date: 09/07/2023

09/08/2023 Reported: 09/13/2023

Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Project Number: 237627

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

# Sample ID: TP - 2 (3') (H234879-08)

Received:

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.3	200	5.54	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	187	93.4	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Analyzed By: MS

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Celey D. Keene



09/07/2023

## Analytical Results For:

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

Received: 09/08/2023 Sampling Date:

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 2 (4') (H234879-09)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Received: 09/08/2023

Reported: 09/13/2023 Project Name: NORTH THISTLE 2 STATE #002H L5

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO Sampling Date: 09/07/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: TP - 2 (5') (H234879-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.75	87.7	2.00	7.51	
Toluene*	<0.050	0.050	09/11/2023	ND	1.81	90.4	2.00	6.80	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.79	89.7	2.00	6.91	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.46	91.0	6.00	6.42	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 3 (1') (H234879-11)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 3 (2') (H234879-12)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/12/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237627 Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: TP - 3 (3') (H234879-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 3 (4') (H234879-14)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

#### Sample ID: TP - 3 (5') (H234879-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

#### Sample ID: TP - 4 (1') (H234879-16)

BTEX 8021B

	9,	9	7	= 7. 5,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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## Analytical Results For:

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

09/08/2023

Sampling Date:

09/07/2023

Reported: Project Name:

Received:

BTEX 8021B

09/13/2023 NORTH THISTLE 2 STATE #002H L5

mg/kg

Sampling Type:

Soil

Project Number:

237627

Sampling Condition: Sample Received By: Cool & Intact Shalyn Rodriguez

Project Location:

DEVON - LEA CO., NEW MEXICO

Sample ID: TP - 4 (2') (H234879-17)

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories \*=Accredited Analyte

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

#### Sample ID: TP - 4 (3') (H234879-18)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

## Sample ID: TP - 4 (4') (H234879-19)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237627 Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

#### Sample ID: TP - 4 (5') (H234879-20)

BTEX 8021B	mg	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 5 (1') (H234879-21)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

# Sample ID: TP - 5 (2') (H234879-22)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 5 (3') (H234879-23)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 5 (4') (H234879-24)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Applyzed By: 1H /

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

## Sample ID: TP - 5 (5') (H234879-25)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 6 (1') (H234879-26)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 6 (2') (H234879-27)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 6 (3') (H234879-28)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	216	108	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	210	105	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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## Analytical Results For:

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

Sampling Date:

09/07/2023

Reported:

Received:

BTEX 8021B

09/08/2023 09/13/2023

Sampling Type:

Soil

Project Name:

NORTH THISTLE 2 STATE #002H L5

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Shalyn Rodriguez

Project Location:

DEVON - LEA CO., NEW MEXICO

## Sample ID: TP - 6 (4') (H234879-29)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

Analyzed By: JH/

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## Analytical Results For:

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

Fax To:

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 6 (5') (H234879-30)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.92	96.0	2.00	5.37	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.7	2.00	4.15	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.66	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.04	101	6.00	4.73	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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## Analytical Results For:

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

Fax

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 7 (1') (H234879-31)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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## Analytical Results For:

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

Analyzed By: 14

Sampling Date:

09/07/2023

Reported:

09/08/2023 09/13/2023

Sampling Type:

Soil

Project Name:

Received:

RTFY 8021R

NORTH THISTLE 2 STATE #002H L5

ma/ka

Sampling Condition: Sample Received By: Cool & Intact

Shalyn Rodriguez

Project Number: Project Location: 237627

DEVON - LEA CO., NEW MEXICO

Sample ID: TP - 7 (2') (H234879-32)

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

## Sample ID: TP - 7 (3') (H234879-33)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

## Sample ID: TP - 7 (4') (H234879-34)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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## Analytical Results For:

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

Received: 09/08/2023 Sampling Date: 09/07/2023

Reported: 09/13/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

## Sample ID: TP - 7 (5') (H234879-35)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	1.86	93.1	2.00	3.13	
Toluene*	<0.050	0.050	09/11/2023	ND	2.32	116	2.00	0.548	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.40	120	2.00	0.637	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	7.15	119	6.00	0.700	
Total BTEX	<0.300	0.300	09/11/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/12/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	204	102	200	18.4	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	200	100	200	19.7	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keene



## **Notes and Definitions**

S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.

QR-04 The RPD for the BS/BSD was outside of historical limits.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

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.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Insufficient time to reach temperature.

Samples reported on an as received basis (wet) unless otherwise noted on report

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Date/Time	Received by: (Signature)	Relinquished by: (Signature)	ne	Date/Time	0		by: (Signature)	Received by:		(Signature)	Relinquished by:
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	conditions	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	lliates and sul	co, its affi	any to Xeno	r from client comp	valid purchase orde	les constitutes a	uishment of samp	document and relinq	otice: Signature of this
									**	Additional Comments:	Additi
	0/		×	×	1	Grab	×		9/7/2023	(5')	TP-2 (5')
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	7		×	×	1	Grab	×		9/7/2023	(2')	TP-2 (2')
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	3		×	×	1	Grab	×		9/7/2023	(3')	TP-1 (3")
	دو		×	×	1	Grab	×		9/7/2023	(2')	TP-1 (2")
	1		×	×	1	Grab	×		9/7/2023	(1')	TP-1 (1")
Sample Comments			TPI		# of Cont	Water Comp	Soil	Time	Date	itification	Sample Identification
NaOH+Ascorbic Acid: SAPC	NaO		H 801			1	mperature:	Corrected Temperature	35	1	Total Containers:
Zn Acetate+NaOH: Zn	Zn A			В		6.0	Reading:	Temperature Reading:	No) N/A	Yes	Sample Custody Seals
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>			-	TEX	P	1	ictor	Correction Factor:	NO NIA	Yes	Cooler Custody Seals
NaHSO <sub>4</sub> NABIS	OLD NaH		RO +	802	arar	40	ID:	Thermometer ID:	No No	( Yes	Received Intact
V	H <sub>3</sub> PC		DRO	18	nete	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
	H <sub>2</sub> SC		+ M		rs	by 4:30pm	lab, if received		21198816		PO#:
	HCL		IRO)			received by the	TAT starts the day received by the		Kellan Smith	×	Sampler's Name:
	Cool						Due Date:		Lea Co, NM	1	Project Location
None: NO DI Water: H <sub>2</sub> O					Code	Rush	✓ Routine		237627		Project Number:
Preservative Codes		ANALYSIS REQUEST				ound	Turn Around	02H L5	North Thistle 2 State #002H L5	North This	Project Name:
Other:	Deliverables: EDD	Delive		om	s@dvn.c	Wesley.Mathews@dvn.com	Email: W			254-266-5456	Phone:
□ RRP □ Level IV □	Reporting:Level II Level III PST/UST		Artesia, NM 88210	Artesia,		City, State ZIP:	Cit		38220	Carlsbad NM, 88220	City, State ZIP:
	State of Project:		6488 Seven Rivers Highway	6488 S		Address:	Ad		ay Street	209 West McKay Street	Address:
ds □RRC □uperfund [	Program: UST/PST □PRP □Brownfields □RRC	Progr	Energy	Devon Energy		Company Name:	Co		ental	NTG Environmental	Company Name:
ments	Work Order Comments		Wesley Mathews	Wesley		Bill to: (if different)	Bil		S	Ethan Sessums	Project Manager
134879 Page_1_ of _4	Work Order No: 1348								-	ENVIRONMENTA	
		dy	Chain of Custody	010	hain	0			,		
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	negotiated.	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.	1. These te	ot analyze	(enco, but n	submitted to )	or each sample	charge of \$5 t	project and a	applied to each	ge of \$85.00 will be	of Xenco. A minimum cha
	s and conditions eyond the control	contractors. It assigns standard terms and conditions uch losses are due to circumstances beyond the contro	es and sub client if s	its affiliat	ny to Xenco penses incu	m client compa ny losses or ex	chase order from	es a valid pun	ples constitut d shall not as	uishment of sam st of samples an	ocument and reling able only for the co	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors, of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are
											Additional Comments:	Addition
	30		×	×	1	Grab	_	×		9/7/2023	3	TP-4 (5')
	19		×	×	-	Grab		×		9/7/2023	٣	TP-4 (4')
	Z		×	×	_	Grab		×		9/7/2023	()	TP-4 (3')
	17		×	×	1	Grab		×		9/7/2023	(2)	TP-4 (2')
	91		×	×	1	Grab		×		9/7/2023	')	TP-4 (1')
	15		×	×	1	Grab		×		9/7/2023	3)	TP-3 (5')
	14		×	×	1	Grab		×		9/7/2023	()	TP-3 (4")
	33		×	×	1	Grab		×		9/7/2023	()	TP-3 (3')
	20		×	×	1	Grab		×		9/7/2023	(')	TP-3 (2')
4	-		×	×	1	Grab		×		9/7/2023	")	TP-3 (1')
Sample Comments	Sar			TPI	# of Cont	Grab/ Comp	Water	Soil	Time	Date	fication	Sample Identification
NaOH+Ascorbic Acid: SAPC	NaOH+A			H 80		1	1	Corrected Temperature	Corrected	35		Total Containers:
Zn Acetate+NaOH: Zn	Zn Aceta		С			000	,	Temperature Reading:	Temperatu	No NIA	Yes	Sample Custody Seals
NaSO <sub>3</sub>			hlor	I ( GI		,		Factor.	Correction Factor	1	Yes	Cooler Custody Seals:
NABIS	OLD NaHSO, NABIS		ide 4			0	7	ter ID:	Thermometer ID:	No	Yes	Received Intact
₽ P	H <sub>3</sub> PO <sub>4</sub> : HP		1500	DRO	mete	No No	e: (Yes	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
NaOH: Na	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>			0 + 1	rs	30pm	ab, if received by 4:30pm	lab, i		21198816		PO#
	HCL: HC			MRO		ived by the	TAT starts the day received by the	TAT star		Kellan Smith	~	Sampler's Name:
ol MeOH: Me	Cool: Cool			)			œ.	Due Date:		Lea Co, NM	_	Project Location
O DI Water: H <sub>2</sub> O	None: NO			-	Code	ısh	ne Rush	✓ Routine		237627		Project Number:
Preservative Codes		ANALYSIS REQUEST				d	Turn Around		02H L5	North Thistle 2 State #002H L5	North Thist	Project Name:
Other:	Deliverables: EDD			ja	@dvn.cor	Wesley.Mathews@dvn.com	Email: Wesle	Э			254-266-5456	Phone:
URRP ☐ Level IV ☐	Level III LPST/UST	R	N 88210	Artesia, NM 88210	A	ate ZIP:	City, State ZIP			8220	Carlsbad NM, 88220	City, State ZIP:
			6488 Seven Rivers Highway	188 Seve	Ø.	S	Address			ay Street	209 West McKay Street	Address: 2
RRC  uperfund	ST PRP Brownfields	9	rgy	Devon Energy	0	Company Name:	Compa			ental	NTG Environmental	Company Name:
nts	Work Order Comments		thews	Wesley Mathews	5	Bill to: (if different)	Bill to:				Ethan Sessums	Project Manager E
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Page										-	ENVIRONMENTA	ENV
	Work Order No:									_	G	4
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Manager:   Ethan Sessums			4 2	0/8	25	00		mier	ONIDO	8	No.	1. Grandsoner
Managar   Ethan Sessums   Ethan Sessums   Managar   Weekley Marinevas   Company Name   Company	by: (Signature)	e) Received	Relinquished by: (Signature)	me	Date/Tir		e)	by: (Signatur	Received		(Signature)	Relinquished b
Manager   Ethan Sessums   Ethan Sessums   Waster   Manager   Waster   Wa		s and conditions eyond the control negotiated.	beontractors. It assigns standard term such losses are due to circumstances b erms will be enforced unless previously	iliates and sub the client if syzed. These to	incurred by ut not analy	mpany to Xe or expenses I to Xenco, b	order from client co ility for any losses of h sample submitted	s a valid purchase ume any responsib harge of \$5 for eac	ples constitutes id shall not assu project and a cl	uishment of sam ost of samples an e applied to each	document and reling liable only for the co harge of \$85.00 will b	Notice: Signature of this of service. Xenco will be of Xenco. A minimum c
Manager   Ethan Sessums   Bell to definement   Mesley Manthews   Mesley Mathews   Mesley										ş.	onal Comments	Additi
Manager   Ethan Seasums   Mill Co. d affeword   Mill Co. d affew	3			$\parallel$	×		Grat	×		9/7/2023	(5')	TP-6
Manager   Ethan Sessums	38			-	×		Grat	×		9/7/2023	(4")	TP-6
Manager   Ethan Sessums   Manager   Ethan Sessums   Manager   M	382			+	×		Grat	×		9/7/2023	(3')	TP-6
Manager   Ethan Sessums	32	-		-	×		Grat	×		9/7/2023	(2')	TP-6
Manager   Ethan Sessums   Billito (I adrissorit)   Wesley Mathews   Company Name   Company Name   Devon Energy   Devon Energy   Saver Rivers Highway   Saver R	38			-	×		Grat	×		9/7/2023	(1")	TP-6
Manager   Ethan Sessums	25				×		Grat	×		9/7/2023	(5')	TP-5
Bill to (deferent)	29			-	×		Grab	×		9/7/2023	(4')	TP-5
Waster	200						Grab	×		9/7/2023	(3')	TP-5
Marriager   Ethan Sessums	200			-			Grab	×		9/7/2023	(2')	TP-5
Manager: Ethan Sessums  NTG Environmental  NTG Environmental  S. 209 West McKay Street  Carlsbad NM, 88220  Email: Wesley Mathews@dvn.com  City, State ZIP- Containers  ANALYSIS REQUEST  Containers  ANALYSIS REQUEST  Containers  State of Project: Case Yield II _Level II _Le	3			-	-		Grab	×		9/7/2023	(1)	TP-5
Manager   Ethan Sessums	Sample Comments			TP				Soil	Time	Date	tification	Sample Iden
Manager: Ethan Sessum's  NTG Environmental  S: 209 West McKay Street  Company Name: Open Energy  Coarlsbad NM, 88220  City, State ZIP: Carlsbad NM, 88220  Email: Wesley Mathews@dvn.com  North Thistle 2 State #002H L5  Number: Open Energy  State of Project: Porting Level III L	NaOntascon			H 80			١	emperature:	Corrected To	35		Total Containers:
Manager   Ethan Sessums   Bill to: (ft different)   Wesley Mathews   Company Name:   Devon Energy   Program: UST/PST   PRP   Brownfield   Brownfield   Brownfield   Brownfield   Brownfield   State ZIP:   Carlsbad NM, 88220   Carlsbad NM, 88220   Email:   Wesley Mathews   Ball to: (ft different)   Devon Energy   Program: UST/PST   PRP   Brownfield   State ZIP:   Address:   North Thistle 2 State #002H L5   Turn Around   Pres.   North Thistle 2 State #002H L5   Turn Around   Pres.   North Thistle 2 State #002H L5   ADaPT   Deliverables: EDD   ADaPT   North Pres.   North Thistle 2 State #002H L5   ADaPT   North Pres.   North Pr	VI ACEIGIETA			_	_		0	Reading:	Temperature		Yes	Sample Custody Sea
Manager         Ethan Sessums         Bill to: (of different)         Worsley Mathews         Work Order Comm           ny Name:         NTG Environmental         Company Name:         Devon Energy         Devon Energy         Work Order Comm         Program: UST/PST □PRP □Brownfield         □Program: UST/PST □PRP □PRP □Brownfield         □Program: UST/PST □PRP □PRP □Brownfield         □Program: UST/PST □PRP □PRP □PRP □PRP □PRP □PRP □PRP □PR						P	1	actor:	Correction F	$\nu^-$	Yes	Cooler Custody Seals
Manager: Ethan Sessums    Manager:   Ethan Sessums   Bill to: (if different)   Wesley Mathews   Work Order Commany Name:   Devon Energy   Program: UST/PST   PRP   Brownfield   Program:				_		ara	Ch	er ID:	Thermomete		(Yae	Received Intact:
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Wesley Mathews     Work Order Comm       ny Name:     NTG Environmental     Company Name:     Devon Energy     Devon Energy     Program: UST/PST   PRP   Brownfield       s:     209 West McKay Street     Address:     6488 Seven Rivers Highway     State of Project:       ate ZIP:     Carlsbad NM, 88220     Email: Wesley Mathews@dvn.com     Artesia, NM 88210     State of Project:       254-266-5456     Email: Wesley Mathews@dvn.com     ANALYSIS REQUEST     Deliverables: EDD   ADaPT   None       Number:     North Thistle 2 State #002H L5     Trum Around     Pros.     ANALYSIS REQUEST       None     Cool       Location     Kellan Smith     TAT starts the day received by the Jab, if received by 4.30pm     Email: Wesley Mathews@dvn.com						met		Wet Ice:	Yes No	p Blank:		SAMPLE RECEI
Manager:     Ethan Sessums     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Wesley Mathews     Work Order Comm       ny Name:     NTG Environmental     Company Name:     Devon Energy     Devon Energy     Program: UST/PST   PRP   Brownfield       s:     209 West McKay Street     Address:     6488 Seven Rivers Highway     State of Project:       state ZIP:     Carlsbad NM, 88220     Email:   Wesley Mathews @dvn.com     Antesia, NM 88210     Reporting: Level III   Level III   PST/UST       Name:     North Thistle 2 State #002H L5     Turn Around     Pres.     ANALYSIS REQUEST       None     Location     Lea Co, NM     Due Date:     Pres.     ANALYSIS REQUEST       Location     TAT starts the day received by the Brownfield     Energy	17204-172			-		ers	red by 4.5upin	lab, if recen		21198816		PO#.
Manager:         Ethan Sessums         Bill to: (if different)         Wesley Mathews         Wesley Mathews         Wesley Mathews         Wesley Mathews         Work Order Comm         Work Order Comm           ny Name:         NTG Environmental         Company Name:         Devon Energy         Devon Energy         Program: UST/PST   PRP   Brownfield         Brownfield           state ZIP:         Carlsbad NM, 88220         Email: Wesley Mathews @dvn. com         Aresia, NM 88210         Reporting: Level III   Level III   PST/UST         PST/UST           vame:         North Thistle 2 State #002H L5         Turn Around         Pres.         ANALYSIS REQUEST         None           Number:         237627         PRoutine         Rush         Pres.         ANALYSIS REQUEST         None           Location         Due Date:         Due Date:         Siate of Project:         None	HOL HO			MRC			lay received by the	TAT starts the d		ellan Smith	Ke	Sampler's Name:
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Wesley Mathews     Work Order Comn       ny Name:     NTG Environmental     Company Name:     Devon Energy     Program: UST/PST   PRP   Brownfield     Program: UST/PST   PRP   Brownfield       s:     209 West McKay Street     Address:     6488 Seven Rivers Highway     State of Project:     Reporting: Level III   Level III   PST/UST       ate ZIP:     254-266-5456     Email: Wesley.Mathews@dvn.com     Antesia, NM 88210     ANALYSIS REQUEST       None     None     Pres.     ANALYSIS REQUEST	Cool: Cool			0)				Due Date:		ea Co, NM	Le	Project Location
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews     Wesley Mathews     Work Order Comn       ny Name:     NTG Environmental     Company Name:     Devon Energy     Program: UST/PST   PRP   Brownfield     Program: UST/PST   PRP   Brownfield       s:     209 West McKay Street     Address:     6488 Seven Rivers Highway     State of Project:       rate ZIP:     Carlsbad NM, 88220     City, State ZIP:     Artesia, NM 88210     Reporting: Level III   Level III   PST/UST       254-266-5456     Email: Wesley.Mathews@dvn.com     ANALYSIS REQUEST     Deliverables: EDD   ADaPT	None: NO				I	Code	Rush	Routine		237627		Project Number:
Manager:     Ethan Sessums     Bill to: (if different)     Wesley Mathews       ny Name:     NTG Environmental     Company Name:     Devon Energy       s:     209 West McKay Street     Address:     6488 Seven Rivers Highway     State of Project:       rate ZIP:     Carlsbad NM, 88220     City, State ZIP:     Artesia, NM 88210     Reporting: Level IIILevel	Preserv	ST	ANALYSIS REQUE			Drase	Around	Turn	02H L5	le 2 State #00	North Thist	Project Name:
Ethan Sessums     Bill to: (if different)     Wesley Mathews     Work Order Comm       NTG Environmental     Company Name:     Devon Energy     Program: UST/PST PRP Brownfields       209 West McKay Street     Address:     6488 Seven Rivers Highway     State of Project:       Carlsbad NM, 88220     City, State ZIP:     Artesia, NM 88210     Reporting: Level III Level III PST/UST		average root			mo	vs@dvn.c	Wesley.Mathev	Email:			254-266-5456	Phone:
Ethan Sessums  Bill to: (if different)  NTG Environmental  Company Name:  Devon Energy  Program: UST/PST PRP Brownfields  State of Project:  State of Project:  PST/UST		liverables: EDD		NM 88210	Artesia,		City, State ZIP:			8220	Carlsbad NM, 8	1,4
Ethan Sessums  Bill to: (if different)  Wesley Mathews  Devon Energy  One Company Name:		porting I evel II I lev		ven Kivers	6488 Se	1	Address			y Street	209 West McKa	
Ethan Sessums Bill to: (if different) Wesley Mathews		ate of Project:		nergy	Devon E		Company Name:			intal	NTG Environme	
Rill to (if different) Wesley Mathews	pp Rrownfields RRC	Carami HST/DST D	p				and the minimum and				Elligii ocooniiio	
	ork Order Comments	Wo		Mathews	Wesley N		Bill to: (if different)				Than Cossims	
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		No.	by: (Signature)	is document and relii be liable only for the charge of \$85.00 will	Additional Comments:				TP-7 (5')	TP-7 (4')	TP-7 (3')	TP-7 (2')	(1)	ntification		Yes	Yes							North This	254-266-5456	Carlsbad NM, 88220	209 West McKay Street	NTG Environmenta	Ethan Sessums	ENVIRONMENTA
	0	Selection of the select		nquishment of sam cost of samples and be applied to each	its:				9/7/2023	9/7/2023	9/7/2023	9/7/2023	9/7/2023	Date	35	NO NIA	(NO NIA	(es No	Temp Blank:	21198816	Kellan Smith	Lea Co, NM	237627	North Thistle 2 State #002H L5		88220	(ay Street	nental	IS	2 🖬
	1	Morard	Received	ples constitutes d shall not assu project and a ch										Time	Corrected Temperature	Temperature Reading:	Correction Factor.	Thermometer ID:	Yes (No					02H L5						
	0	Cert	Received by: (Signature)	a valid purchase me any responsi narge of \$5 for ea					×	×	×	×	×	Soil	emperature:	Reading	actor.	r ID:	Wet Ice:	lab, if rece	TAT starts the	Due Date:	✓ Routine	Tun	Email:					
		1	ıre)	order from clien bility for any loss ich sample subm					6	6	6	G	G	Water Co	1	6.0	1	140	Yes No	lab, if received by 4:30pm	TAT starts the day received by the		Rush	Turn Around	Email: Wesley.Mathews@dvn.com	City, State ZIP	Address:	Company Name	Bill to: (if different)	
		4.		nt company to ses or expens- itted to Xenco			H	+	Grab 1	Grab/ # of Comp Cont		~		ara	mete		the		Code		thews@dvi	P		me:	ent)					
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			ire)	ms and co beyond th ly negotia					-	-	-		-							_	_		-	JEST	Deliverables: EDD	Reporting	State of Project:	Program		
			Rec	nditions e control ted.		-	H	+	+		H					_	_			_			+		oles: ED	g:Level II	Project:	: UST/P		
			eived b																							Leve		ST   PR	Woi	J OR
			Received by: (Signature)				-		-	-	-	-				_	Н	HOLE	0				+		ADa	Reporting: Level III Level III Lesi/Usi		Program: UST/PST □PRP □Brownfields □RRC	Work Order Comments	Work Order No: Page4 of
			ature)						38	2	S C	83	3		Naor	Zn Ac				H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	_	ADaP1 L	160/16	THICT	wnfields	Comm	P
	-								C		-			Sample	1+ASCOLL	Zn Acetate+NaUH: Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub>	NaHSO4 NABIS	HP.	H <sub>2</sub>	HC	Cool	NO	reserv	Otner	U KKT	Food	RRC	lents	Page
			Date/Time											Sample Comments	NaUH+Ascorbic Acid. SAPC	aOH: Zn	03	S	5	NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Preservative Codes		L reveily		uperfund		4 of 4
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October 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L3

Enclosed are the results of analyses for samples received by the laboratory on 10/24/23 15:15.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Applyand By 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 1 7' (H235835-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	69.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 2 7' (H235835-02)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	68.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.8	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 3 7' (H235835-03)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.5	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 4 7' (H235835-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.0	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 5 7' (H235835-05)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 6 7' (H235835-06)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	10/26/2023	ND	416	104	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 7 7' (H235835-07)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Гах

ma/ka

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil
Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 8 7' (H235835-08)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.4	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 1 0-7' (H235835-09)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.1	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

10/24/2023 Sampling Date: 10/26/2023 Sampling Type:

Analyzed By: JH

10/24/2023 Soil

Reported: Project Name:

Received:

BTEX 8021B

10/26/2023 NORTH THISTLE 2 STATE #002H L3

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Shalyn Rodriguez

Project Number: 23/62/
Project Location: DEVON - LEA CO., NEW MEXICO

Sample ID: SW 2 0-7' (H235835-10)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 3 0-7' (H235835-11)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 4 0-7' (H235835-12)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.8	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date:

10/24/2023

Reported: Project Name: 10/26/2023

mg/kg

Sampling Type:

Soil Cool & Intact

Project Number

BTEX 8021B

NORTH THISTLE 2 STATE #002H L3 237627

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Project Number: 23762

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 5 0-7' (H235835-13)

DILX GOZID	ıııg,	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L3 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 6 0-7' (H235835-14)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/26/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	163	81.3	200	0.752	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	162	80.8	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.0	% 49.1-14	8						

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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

ecovery.

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

City, State ZIP:

Carlsbad, NM 88220

City, State ZIP:

Reporting:Level III Level III ST/UST RRP

Level IV

State of Project:

Program: UST/PST PRP prownfields RC

perfund

**Work Order Comments** 

Page \_\_

of

Bill to: (if different) Company Name: Address:

Devon

Wesley Matthews

ompany Name roject Manager:

NTG Environmental Ethan Sessums

209 W McKay St

# Chain of Custody





Dimitry Nikanorov	Project Name:	North Thist	e 2 State #00	2H (1.3)	1	Turn Around					
mme: Dmitry Nikanorov TAT starts the day received by the Bank: Yes No West Ice: Yes No No No. Thermometers Ice: Yes No No No. No. Thermometers Ice: Yes No No No. No. No. No. No. No. No. No. N	Project Number:		237627	(11/10/	Routine	Rush		Pres.			
mile Dmilty Nikanoriov 21198816   Temp Blank: Yes No Wet Ice: Yes No Wet Ice: Yes No Wet Ice: Yes No Net Ice: Yes	Project Location	_	ea Co, NM		Due Date:-	48h	Szi				1
RECEIPT Temp Blank: Ves No Wet los: Ves No Wet No. Themboreter ID: Ves No. Wet No. Wet No. Temperature Reading: Ves No Wet No. Temperature Reading: Ves No Wet No. Temperature Reading: Ves No. Wet No. Temperature Reading: Ves No. Wet No. Temperature Reading: Ves No. Wet No. Wet No. Temperature Reading: Ves No. Ve	Sampler's Name:	Dmi	try Nikanorov		TAT starts th	e day receive	d by the			RO)	
RECEIPT Temp Blank: Yes No Wet Ice: Yes No Thermometer ID: 445 No Thermometer ID: 445 No Part No. N/A Correction Factor: 445 No. N/A Correction Factor: 445 No. N/A Correction Factor: 445 No. N/A Temperature Reading: 545 No. N/A Tem	PO#		21198816		lab, if rec	zeived by 4:30	Jpm	S		+ MF	
Companies   Comp	SAMPLE RECEIPT		np Blank:		Wet Ice:	les.	No	eten	В	RO	00
Seals:   Yes   No   N/A     Temperature Reading:   3 \	Received Intact:	× c	S No	Thermom	eter ID:	14		ram	3021	0+0	e 45
Soly Seals:   Yes   No   Ni/A     Temperature Reading:   3 + 1	Cooler Custody Seals:			Correction	Factor:	١		Pa	EX	GR	orid
Depth (ft bgs)   Date   Time   Soil   Water   Grab   # of comp   Comt   Time   Comp   Comt   Time   Comp   Comt   Time   Comp   Comt   Time   Comp   Comp   Comp   Time   Comp   Comp   Comp   Time   Comp   Comp   Comp   Comp   Time   Comp	Sample Custody Seals	Yes		Temperat	ure Reading:	かん			вт	5M (	Chi
Depth (ft bgs)   Date   Time   Soil   Water   Comp   # of   Time   Comp   Time   Comp   Time   Comp   Time   Tim	Total Containers:		- 1	Corrected	Temperature	1				3015	
Depth (Rt bgs)   Date   Time   Soil   Water   Comp   Cont   E	rotal Containers.			Corrected	remperature	١				H 80	
7" 10/24/2023	Sample	Depth (ft bgs)	Date	Time	Soil		Grab/ Comp	# of		TP	
7"   10/24/2023   X   Comp   1   X   X   X   X   X   X   X   X   X	CS1	7"	10/24/2023	,-	×		Comp	_	×	×	×
7'   10/24/2023   X   Comp   1   X   X   X   X   X   X   X   X   X	CS2	7" .	10/24/2023		×		Comp	-	×	×	×
7' 10/24/2023   X   Comp   1   X   X   X   X   X   X   X   X   X	CS3	7"	10/24/2023		×	:	Comp	-	×	×	×
7' 10/24/2023	CS4	J	10/24/2023		×		Comp	-	×	×	×
7' 10/24/2023 X Comp 1 X X X X X X X X X X X X X X X X X X	CS5	7' .	10/24/2023		×		Comp	-	×	×	×
7' 10/24/2023 X Comp 1 X X X X X X X X X X X X X X X X X X	CS6	. 7'	10/24/2023		×		Comp	-	×	×	×
7" 10/24/2023 X Comp 1 X X X X A Comp 1 1 X X X X X X X X X X X X X X X X X	CS7	7'	10/24/2023		×		Comp	-	×	×	×
Additional Comments:  ****  **Additional Comment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms an oviil 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 beyon imum charge of \$55.00 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 neg Pada Signature)  **Received by: (Signature)**  **Pada Signature**  **Received by: (Signature)**  **Relinquished by: (Signature)**  **Relinquished by: (Signature)**  **Additional Comments:**  **Addit	CS8	7'	10/24/2023		×		Comp	-	×	×	×
Additional Comments:  Additional Comments:  Additional Comments:  ***  **Additional Comments:***  **Additional Comments:***  ***  **Additional Comments:**  **Additional Comme	SW1	0-7'	10/24/2023		×		Comp	_	×	×	×
Additional Comments:  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 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 beyon imum charge of \$55.00 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 neg  hed by: (Signature)  Received by: (Signature)  Date/Time  Relinquished by: (Signature)	SW2	0-7'	10/24/2023				Comp	1	×	×	×
ref 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 owill 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 beyon mum charge of \$55.00 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 neg page (Signature)  Received by: (Signature)  Date/Time  Relinquished by: (Signature)	Addition	nal Comments	91		×						
ped by: (Signature)  Received by: (Signature)  Date/Time Relinquished by: (Signature)  (1) SH33   5  52	ofice: Signature of this doc f service, Xenco will be liab f Xenco. A minimum charge	cument and relinquible only for the cos ge of \$85.00 will be	ishment of sample st of samples and a applied to each pr		, ×		ent compan	y to Xence	o, its affi curred by	iliates an y the clie yzed. Th	nd subcont ent if such lese terms
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Work Order No:

Page 17 of 18





roject Manager.

Ethan Sessums NTG Environmental

Bill to: (if different)

Devon

Wesley Matthews

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n	3	-	Relinquished by: (Signature)	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 \$55.00 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.	Addit		4					SW6	SW5	SW4	. SM3	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:
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	-	NO N	Receive	shall not ass oject and a c												Time	Corrected	Temperat	Correction Factor:	Thermometer ID:	Yes No					H (L3)			
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			ure)	e order from ibility for an ach sample												Water	1	7.	1	70	CYes	lab, if received by 4:30pm	day receiv	48	☑ Rush	Turn Around	Email: esessums@ntglobal.com	City, State ZIP	Address:
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1			ıre)				T		T								NaOH	Zn Ao	Na <sub>2</sub> S <sub>2</sub>	NaHS	H3PO4: HP	H2S04: H2	HCL: HC	Cool: Cool	None: NO	_			
+	-		1		,									1		Sample	+Ascor	etate+N	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	NaHSO4: NABIS	HP	H <sub>2</sub>	S.	Cool	ON	resen	Other:	LRRP	
			Date/Time													Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	SO <sub>3</sub>	BIS		NaOH: Na	HNO3: HN	· MeOH: Me	DI Water: H <sub>2</sub> O	Preservative Codes	ler.	P   Level N	

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Reporting:Level III  Level III  ST/UST  RRP  Level IV	□ST/UST	RRP	Level IV	
Deliverables: EDD	ADaPT 🗆	Other:		

Work Order No:

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October 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L5

Enclosed are the results of analyses for samples received by the laboratory on 10/24/23 15:15.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 1 1' (H235834-01)

BTEX 8021B	mg/	'kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.09	105	2.00	7.22	
Toluene*	<0.050	0.050	10/25/2023	ND	2.16	108	2.00	7.57	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.17	109	2.00	9.06	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.57	110	6.00	9.58	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: AW

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 2 1' (H235834-02)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.09	105	2.00	7.22	
Toluene*	<0.050	0.050	10/25/2023	ND	2.16	108	2.00	7.57	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.17	109	2.00	9.06	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.57	110	6.00	9.58	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	75.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: AW

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

### Sample ID: CS 3 1' (H235834-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.09	105	2.00	7.22	
Toluene*	<0.050	0.050	10/25/2023	ND	2.16	108	2.00	7.57	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.17	109	2.00	9.06	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.57	110	6.00	9.58	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 4 1' (H235834-04)

BTEX 8021B	mg/	/kg	Analyze	d By: AW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.09	105	2.00	7.22	
Toluene*	<0.050	0.050	10/25/2023	ND	2.16	108	2.00	7.57	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.17	109	2.00	9.06	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.57	110	6.00	9.58	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

### Sample ID: CS 5 1' (H235834-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2023	ND	2.01	100	2.00	1.76	
Toluene*	<0.050	0.050	10/26/2023	ND	1.84	92.1	2.00	0.352	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	1.89	94.7	2.00	0.135	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	5.65	94.2	6.00	0.268	
Total BTEX	<0.300	0.300	10/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

### Sample ID: CS 6 1' (H235834-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

### Sample ID: CS 7 1' (H235834-07)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	< 0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey & Keene



10/24/2023

### Analytical Results For:

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

Received: 10/24/2023 Sampling Date:

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 8 1' (H235834-08)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

### Sample ID: CS 9 1' (H235834-09)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.8	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 10 1' (H235834-10)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	1.51	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	147	73.3	200	14.3	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 11 1' (H235834-11)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 12 1' (H235834-12)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/26/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

### Sample ID: CS 13 1' (H235834-13)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit  0.050  0.050  0.050  0.150  0.300	Analyzed  10/25/2023  10/25/2023  10/25/2023  10/25/2023	Method Blank  ND  ND  ND  ND  ND	BS 2.08 2.08 2.07	% Recovery 104 104 104	True Value QC 2.00 2.00 2.00	RPD 3.49 3.65 3.74	Qualifier
<0.050 <0.050 <0.150	0.050 0.050 0.150	10/25/2023 10/25/2023 10/25/2023	ND ND	2.08 2.07	104	2.00	3.65	
<0.050 <0.150	0.050 0.150	10/25/2023 10/25/2023	ND	2.07				
<0.150	0.150	10/25/2023			104	2.00	3.74	
			ND	6.26			•	
<0.300	0.300	10/25/2022		6.26	104	6.00	3.45	
		10/25/2023	ND					
101	% 71.5-13	4						
mg,	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1260	16.0	10/26/2023	ND	400	100	400	3.92	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
<10.0	10.0	10/26/2023	ND					
52.5	% 48.2-13	4						
53.2	% 49.1-14	8						
	Result  1260  mg/  Result  <10.0  <10.0  <52.5	## 71.5-13    mg/kg      Result   Reporting Limit      1260   16.0      mg/kg      Result   Reporting Limit    <10.0   10.0    <10.0   10.0    <10.0   10.0    <10.0   48.2-13	71.5-134       mg/kg     Analyzed       Result   Reporting Limit   Analyzed   A	101 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit 10/26/2023       Method Blank         1260 16.0 10/26/2023 ND         Result Reporting Limit Analyzed Method Blank         <10.0 10.0 10/26/2023 ND	101 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed Nethod Blank BS         1260 16.0 10/26/2023 ND 400         mg/ky       Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS         <10.0 10.0 10/26/2023 ND 170	101 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed Nethod Blank BS % Recovery         1260 16.0 10/26/2023 ND 400 100         mg/ky       Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS % Recovery         <10.0 10.0 10/26/2023 ND 170 85.0	101 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed Dy: MS       Method Blank BS % Recovery True Value QC         1260 16.0 10/26/2023 ND 400 100 400         mg/ky       Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC         <10.0 10.0 10/26/2023 ND 170 85.0 200	101 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed 16.0 10/26/2023 ND 400 100 400 3.92         mg/ky       Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD         <10.0 10.0 10/26/2023 ND 170 85.0 200 4.14

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Celey D. Keene



### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date:

10/24/2023

Reported:

10/26/2023

Sampling Type:

Soil

Project Name:

BTEX 8021B

NORTH THISTLE 2 STATE #002H L5

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 14 1' (H235834-14)

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 15 1' (H235834-15)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 16 1' (H235834-16)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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### Analytical Results For:

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

10/24/2023

Sampling Date:

10/24/2023

Reported: Project Name:

Received:

10/26/2023

Sampling Type:

Soil Cool & Intact

NORTH THISTLE 2 STATE #002H L5

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Project Number: Project Location: 237627

DEVON - LEA CO., NEW MEXICO

Sample ID: CS 17 1' (H235834-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3 9	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date:

10/24/2023

Reported: Project Name: 10/26/2023 NORTH THISTLE 2 STATE #002H L5

mg/kg

Sampling Type:

Soil Cool & Intact

Project Number

BTEX 8021B

237627

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Project Number: 23762

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 18 1' (H235834-18)

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	4.14	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	174	87.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.6	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 19 1' (H235834-19)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	170	85.0	200	0.183	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	185	92.3	200	0.263	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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Celeg & Keene



### Analytical Results For:

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

Analyzed By: JH

10/24/2023 10/26/2023

mg/kg

Project Name: NORTH THISTLE 2 STATE #002H L5

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

Sampling Date: 10/24/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS 20 1' (H235834-20)

Received:

Reported:

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane									

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### Analytical Results For:

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

Received: 10/24/2023

Sampling Date:

10/24/2023

Reported:

10/26/2023

Sampling Type:

Soil

Project Name:

RTFY 8021R

NORTH THISTLE 2 STATE #002H L5

ma/ka

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Shalyn Rodriguez

Project Location:

DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 21 1' (H235834-21)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Analyzed By: 14

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 22 1' (H235834-22)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

### Sample ID: CS 23 1' (H235834-23)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	< 0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	< 0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023

Sampling Date: 10/24/2023

Reported: 10/26/2023
Project Name: NORTH THISTLE 2 STATE #002H L5

Sampling Type: Soil

Project Number: 237627

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

ma/ka

Sample ID: CS 24 1' (H235834-24)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

Analyzed By: 14

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 25 1' (H235834-25)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.49	
Toluene*	<0.050	0.050	10/25/2023	ND	2.08	104	2.00	3.65	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.07	104	2.00	3.74	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.26	104	6.00	3.45	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Reported: 10/26/2023 Sampling Date: 10/24/2023 Sampling Type: Soil

Project Name:

NORTH THISTLE 2 STATE #002H L5

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Project Number:

Project Location:

DEVON - LEA CO., NEW MEXICO

237627

Sample ID: CS 26 1' (H235834-26)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 27 1' (H235834-27)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 28 1' (H235834-28)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date:

10/24/2023

Reported:

10/26/2023

mg/kg

Sampling Type:

Soil

Project Name:

BTEX 8021B

NORTH THISTLE 2 STATE #002H L5

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Shalyn Rodriguez

Project Location:

DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 29 1' (H235834-29)

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2023	ND	181	90.6	200	3.09	
DRO >C10-C28*	<10.0	10.0	10/26/2023	ND	204	102	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	10/26/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date: 10/24/2023

Reported: 10/26/2023
Project Name: NORTH THISTLE 2 STATE #002H L5

Sampling Type: Soil

Project Number: 237627

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 30 1' (H235834-30)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 31 2' (H235834-31)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 32 2' (H235834-32)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 33 5' (H235834-33)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/25/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	80.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: CS 34 5' (H235834-34)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/26/2023	ND	416	104	400	3.77	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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## Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS 35 5' (H235834-35)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

10/26/2023 NORTH THISTLE 2 STATE #002H L5

Project Name: NORTH T Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

Sampling Date: 10/24/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: SW 1 0-1' (H235834-36)

Reported:

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 2 0-2' (H235834-37)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237627 Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 3 0-1' (H235834-38)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 4 0-1' (H235834-39)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date: 10/24/2023

Reported: 10/26/2023
Project Name: NORTH THISTLE 2 STATE #002H L5

Sampling Type: Soil

Project Number: 237627

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 5 0-1' (H235834-40)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023

10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 6 0-1' (H235834-41)

BTEX 8021B

	9,	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil
Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact

Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 7 0-1' (H235834-42)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0 10.0		10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 8 0-2' (H235834-43)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0 10.0		10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date: 10/24/2023

Reported: 10/26/2023
Project Name: NORTH THISTLE 2 STATE #002H L5

Sampling Type: Soil

Project Number: 237627

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 9 0-2' (H235834-44)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13-	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5 % 49.1-148		8						

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### Analytical Results For:

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

Analyzed By: JH

Received: 10/24/2023

Sampling Date:

10/24/2023

Reported:

10/26/2023

Sampling Type:

Soil

Project Name:

BTEX 8021B

NORTH THISTLE 2 STATE #002H L5

Sampling Condition:

Cool & Intact

Project Number:

237627

Sample Received By:

Shalyn Rodriguez

Project Location:

DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 10 1-5' (H235834-45)

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	3.61	
Toluene*	<0.050	0.050	10/25/2023	ND	2.19	109	2.00	12.1	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.42	121	2.00	17.5	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	7.56	126	6.00	21.6	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0 10.0		10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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Shalyn Rodriguez

Sample Received By:

### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023 Reported: Soil

10/26/2023 Sampling Type: Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact

Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 11 1-5' (H235834-46)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	80.8 %		4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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### Analytical Results For:

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

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 12 1-5' (H235834-47)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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## Analytical Results For:

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

Fax To:

Received: 10/24/2023 Sampling Date: 10/24/2023

Reported: 10/26/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 13 1-5' (H235834-48)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2023	ND	2.06	103	2.00	0.608	
Toluene*	<0.050	0.050	10/25/2023	ND	2.03	102	2.00	7.52	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	2.09	104	2.00	8.89	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	6.36	106	6.00	10.7	
Total BTEX	<0.300	0.300	10/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/26/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2023	ND	170	84.8	200	2.00	
DRO >C10-C28*	<10.0	10.0	10/25/2023	ND	195	97.5	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	10/25/2023	ND					
Surrogate: 1-Chlorooctane	86.1 %		48.2-134						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### **Notes and Definitions**

QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene







NTG Environmental

Bill to: (If different)

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Level IV

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**Work Order Comments** 

Wesley Matthews

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Page 51 of 55

## Chain of Custody



Project Manager. Company Name:

NTG Environmental Ethan Sessums

Bill to: (if different)

Devon

State of Project:

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Program: UST/PST PRP rownfields RC

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**Work Order Comments** 

Wesley Matthews

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**Work Order Comments** 

Wesley Matthews

# Chain of Custody





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**Work Order Comments** 

Wesley Matthews

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CWS	0-2'	10/24/2023		×	Co	Comp 1	×	×	×		-				+	1		- 1
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SW4	0-1'	10/24/2023		×	CC	Comp 1	-	+	+		+	+	+	+	+	1		- 1
SW5	0-1"	10/24/2023		×	CC	Comp 1		×	×		H			ŀ				11.1
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Work Order No:

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# Chain of Custody



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209 W McKay St NTG Environmental

Company Name

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			Date/Time													Sample Comments		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	O <sub>3</sub>	SIS		NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Preservative Codes	ח

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Work Order No:

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**Environment Testing** 

# **ANALYTICAL REPORT**

# PREPARED FOR

Attn: Ethan Sessums NT Global 701 Tradewinds Blvd Midland, Texas 79706

Generated 11/8/2023 10:33:30 AM

# **JOB DESCRIPTION**

North Thistle 2 State #002H-L3 SDG NUMBER Eddy Co, NM

# **JOB NUMBER**

890-5566-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220



# **Eurofins Carlsbad**

## **Job Notes**

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

# **Authorization**

Generated 11/8/2023 10:33:30 AM

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

Companies

Client: NT Global Project/Site: North Thistle 2 State #002H-L3 Laboratory Job ID: 890-5566-1 SDG: Eddy Co, NM

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## **Definitions/Glossary**

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3

SDG: Eddy Co, NM

**Qualifiers** 

**GC VOA** 

Qualifier **Qualifier Description** S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

**GC Semi VOA** 

Qualifier **Qualifier Description** 

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

**HPLC/IC** 

Qualifier **Qualifier Description** 

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

**Glossary** 

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DFR Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor** 

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry) DLC

**EDL** Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

**PRES** Presumptive QC **Quality Control** 

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TEQ

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**TNTC** Too Numerous To Count

## Case Narrative

Client: NT Global

Project/Site: North Thistle 2 State #002H-L3

Job ID: 890-5566-1

SDG: Eddy Co, NM

Job ID: 890-5566-1

**Laboratory: Eurofins Carlsbad** 

Narrative

Job Narrative 890-5566-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

#### Receipt

The samples were received on 11/3/2023 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW -1 (890-5566-1), CS -1 (890-5566-2), CS -2 (890-5566-3), CS -3 (890-5566-4), CS -4 (890-5566-5), CS -5 (890-5566-6), CS -6 (890-5566-7), CS -7 (890-5566-8) and CS -8 (890-5566-9).

#### GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-66262 and 880-66319 and analytical batch 880-66231 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS -2 (890-5566-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### GC Semi VOA

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-66312 and analytical batch 880-66221 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: SW -1 (890-5566-1), CS -1 (890-5566-2), CS -2 (890-5566-3) and (890-5565-A-53-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-66221/58). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-66313 and analytical batch 880-66344 was outside the upper control limits.

Method 8015MOD\_NM: Surrogate recovery for the following sample was outside control limits: CS -8 (890-5566-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-66344/20) and (CCV 880-66344/5). Evidence of matrix interferences is not obvious.

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

## **Case Narrative**

Client: NT Global

Project/Site: North Thistle 2 State #002H-L3

Job ID: 890-5566-1

SDG: Eddy Co, NM

## Job ID: 890-5566-1 (Continued)

**Laboratory: Eurofins Carlsbad (Continued)** 

#### HPLC/IC

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-66250 and analytical batch 880-66327 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Matrix: Solid

Lab Sample ID: 890-5566-1

# **Client Sample Results**

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Client Sample ID: SW -1

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 0 -8'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 00:08	1
Toluene	< 0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 00:08	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 00:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/06/23 17:07	11/08/23 00:08	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 00:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/06/23 17:07	11/08/23 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				11/06/23 17:07	11/08/23 00:08	1
1,4-Difluorobenzene (Surr)	110		70 - 130				11/06/23 17:07	11/08/23 00:08	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/08/23 00:08	
Method: SW846 8015 NM - Diese		, ,,	•	MDI	Unit	D	Prenared	Analyzod	Dil Fa
Method: SW846 8015 NM - Diese Analyte		ics (DRO) ( Qualifier	GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 11/07/23 05:09	
Analyte Total TPH  Method: SW846 8015B NM - Die	Result <49.6	Qualifier U	RL 49.6		mg/Kg			11/07/23 05:09	1
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte	Result <49.6 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	RL 49.6 (GC)		mg/Kg	<u>D</u>	Prepared	11/07/23 05:09 Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die	Result <49.6	Qualifier Unics (DRO) Qualifier	RL 49.6		mg/Kg			11/07/23 05:09	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Result <49.6 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	RL 49.6 (GC)		mg/Kg		Prepared	11/07/23 05:09 Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <a href="#">49.6</a> sel Range Orga Result <a href="#">&lt;49.6</a> 49.6	Qualifier U  nics (DRO) Qualifier U	RL 49.6  (GC) RL 49.6		mg/Kg  Unit mg/Kg		Prepared 11/06/23 16:19	11/07/23 05:09  Analyzed  11/07/23 05:09	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.6  Sel Range Orga Result <49.6  <49.6	Qualifier U  nics (DRO) Qualifier U  U	RL 49.6  (GC) RL 49.6  49.6		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 11/06/23 16:19 11/06/23 16:19	11/07/23 05:09  Analyzed  11/07/23 05:09  11/07/23 05:09	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U  nics (DRO) Qualifier U  U	RL 49.6  (GC) RL 49.6  49.6  49.6		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 11/06/23 16:19 11/06/23 16:19 11/06/23 16:19	Analyzed 11/07/23 05:09  11/07/23 05:09 11/07/23 05:09 11/07/23 05:09	Dil Face
Analyte Total TPH  Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)  Surrogate	Result	Qualifier U  nics (DRO) Qualifier U  U  Qualifier S1+	RL 49.6  (GC)  RL 49.6  49.6  49.6  Limits		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 11/06/23 16:19 11/06/23 16:19 11/06/23 16:19 Prepared	Analyzed 11/07/23 05:09  Analyzed 11/07/23 05:09 11/07/23 05:09 Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane	Result	Qualifier U  nics (DRO) Qualifier U  U  Qualifier S1+ S1+	RL 49.6  (GC)  RL 49.6  49.6  49.6  Limits  70 - 130  70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 11/06/23 16:19 11/06/23 16:19 11/06/23 16:19 Prepared 11/06/23 16:19	Analyzed 11/07/23 05:09  Analyzed 11/07/23 05:09  11/07/23 05:09  Analyzed 11/07/23 05:09	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U  nics (DRO) Qualifier U  U  Qualifier S1+ S1+	RL 49.6  (GC)  RL 49.6  49.6  49.6  Limits  70 - 130  70 - 130		mg/Kg  Unit mg/Kg  mg/Kg  mg/Kg		Prepared 11/06/23 16:19 11/06/23 16:19 11/06/23 16:19 Prepared 11/06/23 16:19	Analyzed 11/07/23 05:09  Analyzed 11/07/23 05:09  11/07/23 05:09  Analyzed 11/07/23 05:09	Dil Fac

Client Sample ID: CS -1

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/06/23 17:07	11/08/23 00:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/06/23 17:07	11/08/23 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/06/23 17:07	11/08/23 00:29	

**Eurofins Carlsbad** 

Lab Sample ID: 890-5566-2

Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-5566-2

## **Client Sample Results**

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Client Sample ID: CS -1

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Method: SW846 8021B	<ul> <li>Volatile Organic Comp</li> </ul>	pounds (GC) (Continued)

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1.4-Difluorobenzene (Surr)	114	70 - 130	11/06/23 17:07	11/08/23 00:29	1

Analyte	Result	Qualifier	RL	MDL	Unit	I	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00399	U	0.00399		mg/Kg			_	11/08/23 00:29	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg	<del></del>		11/07/23 05:30	1

Method: SW846 8015B NM - Diesel Range Organics	(DRO)	(GC)	١
motified. Offerto College Ithin Biodol Rungo Organico	(5.10)	, , , , ,	,

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/06/23 16:19	11/07/23 05:30	1
Diesel Range Organics (Over	<50.1	U	50.1		mg/Kg		11/06/23 16:19	11/07/23 05:30	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/06/23 16:19	11/07/23 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepare	ed Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130	11/06/23 1	6:19 11/07/23 05:3	0 1
o-Terphenyl	133	S1+	70 - 130	11/06/23 1	6:19 11/07/23 05:3	0 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.3		5.04		mg/Kg			11/07/23 00:51	1

Client Sample ID: CS -2 Lab Sample ID: 890-5566-3

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Mothodi CIMOAC 0004D	Valatila Organia Campaunda //	

Method: SW846 8021B - Volat	lle Organic Comp	ounas (GC)	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/06/23 17:07	11/08/23 00:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 00:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/06/23 17:07	11/08/23 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				11/06/23 17:07	11/08/23 00:49	1
1,4-Difluorobenzene (Surr)	148	S1+	70 - 130				11/06/23 17:07	11/08/23 00:49	1

4-Bromofluorobenzene (Surr)	125	70 - 130	11/06/23 17:07	11/08/23 00:49	1
1,4-Difluorobenzene (Surr)	148 S1	11+ 70 - 130	11/06/23 17:07	11/08/23 00:49	1

## **Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			11/08/23 00:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC	Method:	: SW846 8015 N	M - Diesel R	ange Ord	ianics (	DRO)	(GC
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70.0		50.4		mg/Kg			11/07/23 05:52	1

**Eurofins Carlsbad** 

**Matrix: Solid** 

# **Client Sample Results**

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Client Sample ID: CS -2

Da Date Received: 11/03/23 13:50

Sample Depth: 8'

Client Sample ID: CS -2	Lab Sample ID: 890-5566-3
ate Collected: 11/02/23 00:00	Matrix: Solid

Method: SW846 8015B NM - Dies	el Range Orga	inics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/06/23 16:19	11/07/23 05:52	1
Diesel Range Organics (Over C10-C28)	70.0		50.4		mg/Kg		11/06/23 16:19	11/07/23 05:52	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/06/23 16:19	11/07/23 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				11/06/23 16:19	11/07/23 05:52	1
o-Terphenyl	137	S1+	70 - 130				11/06/23 16:19	11/07/23 05:52	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solub	le						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.0		5.02		mg/Kg			11/07/23 00:57	1

Client Sample ID: CS -3 Lab Sample ID: 890-5566-4 Date Collected: 11/02/23 00:00 Matrix: Solid

Date Received: 11/03/23 13:50

Sample Depth: 8'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 01:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 01:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 01:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/06/23 17:07	11/08/23 01:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 01:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/06/23 17:07	11/08/23 01:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/06/23 17:07	11/08/23 01:10	1
1,4-Difluorobenzene (Surr)	117		70 - 130				11/06/23 17:07	11/08/23 01:10	1
Total BTEX  Method: SW846 8015 NM - Diese Analyte			0.00402 GC)	MDL	mg/Kg Unit	D	Prepared	11/08/23 01:10  Analyzed	1 Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/07/23 06:13	1
Method: SW846 8015B NM - Dies Analyte		nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/06/23 16:19	11/07/23 06:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/06/23 16:19	11/07/23 06:13	1
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/06/23 16:19	11/07/23 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				11/06/23 16:19	11/07/23 06:13	1

Project/Site: North Thistle 2 State #002H-L3

Client: NT Global

Job ID: 890-5566-1

SDG: Eddy Co, NM

Client Sample ID: CS -3

Date Collected: 11/02/23 00:00

Date Received: 11/03/23 13:50

Sample Depth: 8'

Lab Sample ID: 890-5566-4

Matrix: Solid

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Solubl	е						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101	F1	5.00		mg/Kg			11/06/23 17:48	1

Client Sample ID: CS -4

Lab Sample ID: 890-5566-5

Date Collected: 11/02/23 00:00

Matrix: Solid

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Analyte

Total TPH

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/06/23 17:07	11/08/23 01:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/06/23 17:07	11/08/23 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				11/06/23 17:07	11/08/23 01:30	1
1,4-Difluorobenzene (Surr)	121		70 - 130				11/06/23 17:07	11/08/23 01:30	1

Analyte	Result	Qualitier	KL	MDL	Unit	ט	Prepared	Analyzea	DII Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/08/23 01:30	1
Method: SW846 8015 NM - Diesel R	Range Organ	ics (DRO) (C	GC)						

RL

49.9

Result Qualifier

<49.9 U

MDL Unit

mg/Kg

D

Prepared

Analyzed

11/07/23 06:35

Dil Fac

<del>-</del>									
Method: SW846 8015B NM - Dies	• •		(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		11/06/23 16:19	11/07/23 06:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		11/06/23 16:19	11/07/23 06:35	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/06/23 16:19	11/07/23 06:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				11/06/23 16:19	11/07/23 06:35	1
o-Terphenyl	119		70 - 130				11/06/23 16:19	11/07/23 06:35	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble	)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.8		5.02		mg/Kg			11/06/23 18:04	1

Matrix: Solid

Lab Sample ID: 890-5566-6

## **Client Sample Results**

Client: NT Global Job ID: 890-5566-1
Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Client Sample ID: CS -5

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:50	1
Toluene	< 0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:50	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/06/23 17:07	11/08/23 01:50	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/06/23 17:07	11/08/23 01:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/06/23 17:07	11/08/23 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/06/23 17:07	11/08/23 01:50	1
1,4-Difluorobenzene (Surr)	121		70 - 130				11/06/23 17:07	11/08/23 01:50	1
Method: TAL SOP Total BTEX -						_			
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/08/23 01:50	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/07/23 06:58	1
- Method: SW846 8015B NM - Die	esel Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/06/23 16:19	11/07/23 06:58	1
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		11/06/23 16:19	11/07/23 06:58	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/06/23 16:19	11/07/23 06:58	1
Surrogate	%Recovery						Prepared	Analyzed	Dil Fac

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 76.2 4.99 mg/Kg 11/06/23 18:09 1

Client Sample ID: CS -6 Lab Sample ID: 890-5566-7

70 - 130

70 - 130

121

125

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

1-Chlorooctane

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/06/23 17:07	11/08/23 02:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/06/23 17:07	11/08/23 02:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				11/06/23 17:07	11/08/23 02:11	1

**Eurofins Carlsbad** 

**Matrix: Solid** 

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11/06/23 16:19

11/06/23 16:19

11/07/23 06:58

11/07/23 06:58

## **Client Sample Results**

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Client Sample ID: CS -6 Lab Sample ID: 890-5566-7 Matrix: Solid

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Method: SW846 8021B - \	Volatile Organic (	Compounds (GC	c) (Continued)
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Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	121	70 - 130	11/06/23 17:07	11/08/23 02:11	1

Method: TAL SO	OP Total BTEX	- Total RTFY	Calculation
INICIIIOG. IAL O	JI IOLAI DI LA	- IUlai DILA	Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399 U	0.00399	mg/Kg			11/08/23 02:11	1

ı				
ı	Method: SW846 8015 NM	Discal Dance	0	(DDO) (CC)
ı	Method: 5wo4b bu15 NW	- Diesei Rande	• Organics	(DRU) (GC)

	go o.goo (2.1.0) (0.0	1					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3 U	50.3	mg/Kg			11/07/23 07:20	1

Method: SW846 8015	Rango Or	ranice (DRO) (GC)
michioa. Offoro ou lo	i i i i i i i i i i i i i i i i i i i	garries (Ditto) (CO)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/06/23 16:19	11/07/23 07:20	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/06/23 16:19	11/07/23 07:20	1
Oll Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/06/23 16:19	11/07/23 07:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	l Analyzed	Dil Fac
1-Chlorooctane	120	70 - 130	11/06/23 16	:19 11/07/23 07:20	1
o-Terphenyl	125	70 - 130	11/06/23 16	:19 11/07/23 07:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	1	D	Prepared	Analyzed	Dil Fac	
Chloride	111		5.05		mg/Kg				11/06/23 18:14	1	

Client Sample ID: CS -7 Lab Sample ID: 890-5566-8 Matrix: Solid

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Method: SW846 8021B -	M-1-4!1- O	0 (00)

motifical City is con in	no organio comp	Julius (SS)	,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 02:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 02:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 02:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/06/23 17:07	11/08/23 02:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/06/23 17:07	11/08/23 02:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/06/23 17:07	11/08/23 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				11/06/23 17:07	11/08/23 02:31	1
1 / Diffuorobonzono (Surr)	110		70 120				11/06/22 17:07	11/00/22 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzea	DII Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	11/06/23 17:07	11/08/23 02:31	1
1,4-Difluorobenzene (Surr)	119		70 - 130	11/06/23 17:07	11/08/23 02:31	1

## **Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			11/08/23 02:31	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/07/23 11:59	1

Client: NT Global Job ID: 890-5566-1

Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Client Sample ID: CS -7 Lab Sample ID: 890-5566-8 Date Collected: 11/02/23 00:00 Matrix: Solid

Date Received: 11/03/23 13:50 Sample Depth: 8'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/06/23 16:26	11/07/23 11:59	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/06/23 16:26	11/07/23 11:59	1
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/06/23 16:26	11/07/23 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				11/06/23 16:26	11/07/23 11:59	
o-Terphenyl	122		70 <sub>-</sub> 130				11/06/23 16:26	11/07/23 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit RL D Prepared Analyzed Dil Fac Chloride 5.04 11/06/23 18:20 68.4 mg/Kg

Client Sample ID: CS -8 Lab Sample ID: 890-5566-9 **Matrix: Solid** 

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Sample Depth: 8'

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/06/23 17:07	11/08/23 02:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/08/23 02:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/06/23 17:07	11/08/23 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				11/06/23 17:07	11/08/23 02:52	1
1,4-Difluorobenzene (Surr)	118		70 - 130				11/06/23 17:07	11/08/23 02:52	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/08/23 02:52	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/07/23 13:05	1
Method: SW846 8015B NM - Dies		,	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/06/23 16:26	11/07/23 13:05	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/06/23 16:26	11/07/23 13:05	1
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/06/23 16:26	11/07/23 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				11/06/23 16:26	11/07/23 13:05	1
o-Terphenyl	124		70 - 130				11/06/23 16:26	11/07/23 13:05	1

Matrix: Solid

# **Client Sample Results**

Client: NT Global Job ID: 890-5566-1
Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Client Sample ID: CS -8

Lab Sample ID: 890-5566-9

Client Sample ID: CS -8

Date Collected: 11/02/23 00:00

Date Received: 11/03/23 13:50

Sample Depth: 8'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result Qua	alifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac		
	Chloride	77.1	5.03	mg/k	(g		11/06/23 18:35	1		

4

5

0

10

13

14

# **Surrogate Summary**

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-5566-1	SW -1	75	110	
90-5566-1 MS	SW -1	100	107	
90-5566-1 MSD	SW -1	94	106	
90-5566-2	CS -1	96	114	
90-5566-3	CS -2	125	148 S1+	
90-5566-4	CS -3	96	117	
90-5566-5	CS -4	95	121	
90-5566-6	CS -5	97	121	
90-5566-7	CS -6	88	121	
90-5566-8	CS -7	91	119	
90-5566-9	CS -8	91	118	
.CS 880-66319/1-A	Lab Control Sample	95	108	
CSD 880-66319/2-A	Lab Control Sample Dup	94	109	
MB 880-66262/5-A	Method Blank	116	152 S1+	
MB 880-66319/5-A	Method Blank	116	160 S1+	
Surrogate Legend				
BFB = 4-Bromofluorobei	nzene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-5565-A-53-F MS	Matrix Spike	129	119	
890-5565-A-53-G MSD	Matrix Spike Duplicate	128	117	
390-5566-1	SW -1	138 S1+	141 S1+	
90-5566-2	CS -1	134 S1+	133 S1+	
90-5566-3	CS -2	135 S1+	137 S1+	
90-5566-4	CS -3	124	126	
390-5566-5	CS -4	115	119	
390-5566-6	CS -5	121	125	
90-5566-7	CS -6	120	125	
390-5566-8	CS -7	127	122	
390-5566-8 MS	CS -7	126	109	
390-5566-8 MSD	CS -7	127	110	
390-5566-9	CS -8	133 S1+	124	
.CS 880-66312/2-A	Lab Control Sample	99	109	
_CS 880-66313/2-A	Lab Control Sample	105	114	
_CSD 880-66312/3-A	Lab Control Sample Dup	89	93	
_CSD 880-66313/3-A	Lab Control Sample Dup	90	97	
MB 880-66312/1-A	Method Blank	244 S1+	261 S1+	
MB 880-66313/1-A	Method Blank	246 S1+	245 S1+	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-66262/5-A

Lab Sample ID: MB 880-66319/5-A

**Matrix: Solid** Analysis Batch: 66231

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

Prep Batch: 66262

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/23 11:29	11/07/23 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/23 11:29	11/07/23 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/23 11:29	11/07/23 12:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/06/23 11:29	11/07/23 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/23 11:29	11/07/23 12:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/06/23 11:29	11/07/23 12:04	1

мв мв

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	11/06/23 11:29	11/07/23 12:04	1
1,4-Difluorobenzene (Surr)	152	S1+	70 - 130	11/06/23 11:29	11/07/23 12:04	1

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

Prep Batch: 66319

Analysis Batch: 66231 мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/07/23 23:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/07/23 23:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/07/23 23:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/06/23 17:07	11/07/23 23:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/23 17:07	11/07/23 23:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/06/23 17:07	11/07/23 23:40	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	11/06/23 17:07	11/07/23 23:40	1
1,4-Difluorobenzene (Surr)	160	S1+	70 - 130	11/06/23 17:07	11/07/23 23:40	1

Lab Sample ID: LCS 880-66319/1-A

**Matrix: Solid** 

Matrix: Solid

Analysis Batch: 66231

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

Prep Batch: 66319

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	0.100	0.1051		mg/Kg		105	70 - 130
Toluene	0.100	0.09486		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.08840		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.2102		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1013		mg/Kg		101	70 - 130

LCS LCS

Surrogate	%Recovery Qualifi	er Limits
4-Bromofluorobenzene (Surr)	95	70 - 130
1.4-Difluorobenzene (Surr)	108	70 - 130

Lab Sample ID: LCSD 880-66319/2-A

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Matrix: Solid

Analysis Batch: 66231

Client Sample ID: Lal	Control Sample Dup
	Dron Types Total/NA

Prep Type: Total/NA

Prep Batch: 66319

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1032		mg/Kg		103	70 - 130	2	35

## **QC Sample Results**

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-66319/2-A

**Matrix: Solid** Analysis Batch: 66231 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 66319

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.09356 94 70 - 130 35 mg/Kg Ethylbenzene 0.100 0.08388 mg/Kg 84 70 - 130 35 0.200 70 - 130 m-Xylene & p-Xylene 0.1941 mg/Kg 97 35 8 o-Xylene 0.100 0.09487 mg/Kg 95 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-5566-1 MS

**Matrix: Solid** 

Analysis Batch: 66231

Client Sample ID: SW -1 Prep Type: Total/NA

Prep Batch: 66319

MS MS %Rec Sample Sample Spike Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Benzene <0.00199 0.0996 0.09646 97 mg/Kg 70 - 130 Toluene <0.00199 U 0.0996 0.07486 75 70 - 130 mg/Kg Ethylbenzene <0.00199 U 0.0996 0.07053 70 - 130 mg/Kg m-Xylene & p-Xylene <0.00398 U 0.199 0.1634 82 70 - 130 mg/Kg o-Xylene <0.00199 U 0.0996 0.08304 mg/Kg 83 70 - 130

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	107	70 - 130

Lab Sample ID: 890-5566-1 MSD

**Matrix: Solid** 

**Analysis Batch: 66231** 

Client Sample ID: SW -1

Prep Type: Total/NA

Prep Batch: 66319

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.0990	0.09714		mg/Kg		98	70 - 130	1	35
Toluene	<0.00199	U	0.0990	0.08114		mg/Kg		82	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.0990	0.07147		mg/Kg		72	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1705		mg/Kg		86	70 - 130	4	35
o-Xylene	< 0.00199	U	0.0990	0.08622		mg/Kg		87	70 - 130	4	35

MSD MSD

MB MB

<50.0 U

Result Qualifier

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	94	70 - 130
1,4-Difluorobenzene (Surr)	106	70 - 130

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

Lab Sample ID: MB 880-66312/1-A

Matrix: Solid

Analysis Batch: 66221

Gasoline Range Organics

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

Prep Batch: 66312

11/06/23 22:46

**Eurofins Carlsbad** 

(GRO)-C6-C10

Analyte

Prepared

11/06/23 16:19

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RL

50.0

MDL Unit

mg/Kg

11/8/2023

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3

SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-66312/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Total/NA** Analysis Batch: 66221 Prep Batch: 66312

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/23 16:19	11/06/23 22:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/23 16:19	11/06/23 22:46	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	244	S1+	70 - 130				11/06/23 16:19	11/06/23 22:46	1
o-Terphenyl	261	S1+	70 - 130				11/06/23 16:19	11/06/23 22:46	1

Lab Sample ID: LCS 880-66	312/2-A						Client	Sample	ID: Lab Control	Sample
Matrix: Solid									Prep Type:	Total/N/
Analysis Batch: 66221									Prep Batcl	n: <mark>6631</mark> 2
			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics			1000	941.4		mg/Kg		94	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over			1000	897.6		mg/Kg		90	70 - 130	
C10-C28)										
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	99		70 - 130							
o-Terphenyl	109		70 - 130							

Lab Sample ID: LCSD 880-66312/3-A Matrix: Solid Analysis Batch: 66221				Clier	nt San	iple ID: I		ol Sampl Type: To Batch:	tal/NA
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	918.4		mg/Kg		92	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	850.0		mg/Kg		85	70 - 130	5	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 890-5565-A	-53-F MS							Client	•	Matrix Spike
Matrix: Solid									Prep Ty	/pe: Total/NA
Analysis Batch: 66221									Prep	Batch: 66312
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.7	U	1010	894.9		mg/Kg		86	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.7	U	1010	970.5		mg/Kg		93	70 - 130	
C10-C28)										
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	129		70 - 130							
o-Terphenyl	119		70 - 130							

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

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

Lab Sample ID: 890-5565-A-53-G MSD

**Matrix: Solid** 

Analysis Batch: 66221

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 66312

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.7	U	1010	894.5		mg/Kg		86	70 - 130	0	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.7	U	1010	969.5		mg/Kg		93	70 - 130	0	20
C10-C28)											

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: MB 880-66313/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 66344

мв мв

Prep Type: Total/NA Prep Batch: 66313

MDL Unit Analyte Result Qualifier RL Prepared Analyzed Dil Fac <50.0 U 50.0 11/06/23 16:26 11/07/23 09:24 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 11/06/23 16:26 11/07/23 09:24 50.0 OII Range Organics (Over C28-C36) <50.0 U mg/Kg 11/06/23 16:26 11/07/23 09:24

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	246	S1+	70 - 130	11/06/23 16:26	11/07/23 09:24	1
o-Terphenyl	245	S1+	70 - 130	11/06/23 16:26	11/07/23 09:24	1

Lab Sample ID: LCS 880-66313/2-A

Matrix: Solid

Analysis Batch: 66344

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 66313

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1009		mg/Kg		101	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	946.0		mg/Kg		95	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery Qua	lifier Limits
1-Chlorooctane	105	70 - 130
o-Terphenyl	114	70 - 130

Lab Sample ID: LCSD 880-66313/3-A

Released to Imaging: 1/16/2024 11:54:39 AM

Matrix: Solid

Analysis Batch: 66344

<b>Client Sample ID</b>	: Lab Control	Sample	Dup
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Prep Type: Total/NA

Prep Batch: 66313

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	873.7		mg/Kg		87	70 - 130	14	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	799.8		mg/Kg		80	70 - 130	17	20
C10-C28)									

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3

SDG: Eddy Co, NM

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

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Lab Sample ID: LCSD 880-66313/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Analysis Batch: 66344

70 - 130

Prep Type: Total/NA Prep Batch: 66313

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 90 70 - 130

Client Sample ID: CS -7

Lab Sample ID: 890-5566-8 MS **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 66344

Prep Batch: 66313

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <49.6 U 1000 1233 121 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 <49.6 U 1128 mg/Kg 111 70 - 130C10-C28)

MS MS %Recovery Surrogate Qualifier Limits 70 - 130 1-Chlorooctane 126 109 70 - 130 o-Terphenyl

Lab Sample ID: 890-5566-8 MSD Client Sample ID: CS -7 **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 66344

o-Terphenyl

Prep Batch: 66313

Sample Sample MSD MSD Spike RPD Analyte Result Qualifier hahhA Result Qualifier Unit %Rec Limits RPD Limit D Gasoline Range Organics <49.6 U 1000 1249 mg/Kg 123 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.6 U 1000 1143 mg/Kg 112 70 - 130 20 C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 127 70 - 130 o-Terphenyl 110

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-66250/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble** 

**Analysis Batch: 66327** 

MB MB MDL Unit Dil Fac Analyte Result Qualifier RL D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 11/06/23 16:59

Lab Sample ID: LCS 880-66250/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 66327

Spike LCS LCS %Rec Analyte Added Result Qualifier Limits Unit Chloride 250 256.6 mg/Kg 103 90 - 110

Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-66250/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 66327

Spike LCSD LCSD RPD %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit D Chloride 250 259.5 mg/Kg 104 90 - 110 20

Lab Sample ID: 890-5566-4 MS Client Sample ID: CS -3 **Matrix: Solid Prep Type: Soluble** 

**Analysis Batch: 66327** 

Sample Sample Spike MS MS %Rec Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits Chloride 101 F1 250 313.2 F1 mg/Kg 85 90 - 110

Lab Sample ID: 890-5566-4 MSD Client Sample ID: CS -3 **Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 66327

MSD MSD RPD Spike %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 101 F1 250 312.6 F1 mg/Kg 90 - 110

Lab Sample ID: MB 880-66246/1-A Client Sample ID: Method Blank **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 66352

мв мв

Result Qualifier MDL Unit Analyte RL Prepared Analyzed Dil Fac Chloride <5.00 5.00 11/06/23 23:18 mg/Kg

Lab Sample ID: LCS 880-66246/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 66352

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 248.9 mg/Kg 100 90 - 110

Lab Sample ID: LCSD 880-66246/3-A Client Sample ID: Lab Control Sample Dup Matrix: Solid **Prep Type: Soluble** 

**Analysis Batch: 66352** 

Spike LCSD LCSD %Rec RPD Added RPD Analyte Result Qualifier Unit D %Rec Limits Limit Chloride 250 251 1 mg/Kg 100 90 - 110

Lab Sample ID: 880-35378-A-12-F MS Client Sample ID: Matrix Spike **Prep Type: Soluble** 

**Matrix: Solid** 

**Analysis Batch: 66352** 

MS MS %Rec Sample Sample Spike Added Result Qualifier Result Qualifier Limits Analyte Unit %Rec Chloride 204 252 431.1 mg/Kg 90 90 - 110

Lab Sample ID: 880-35378-A-12-G MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble** 

Analysis Patch: 66252

Alialysis Datcii. 00352											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	204		252	431.3		ma/Ka		90	90 - 110		20

**Eurofins Carlsbad** 

**Matrix: Solid** 

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Client: NT Global Job ID: 890-5566-1
Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

**GC VOA** 

## Analysis Batch: 66231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Total/NA	Solid	8021B	66319
890-5566-2	CS -1	Total/NA	Solid	8021B	66319
890-5566-3	CS -2	Total/NA	Solid	8021B	66319
890-5566-4	CS -3	Total/NA	Solid	8021B	66319
890-5566-5	CS -4	Total/NA	Solid	8021B	66319
890-5566-6	CS -5	Total/NA	Solid	8021B	66319
890-5566-7	CS -6	Total/NA	Solid	8021B	66319
890-5566-8	CS -7	Total/NA	Solid	8021B	66319
890-5566-9	CS -8	Total/NA	Solid	8021B	66319
MB 880-66262/5-A	Method Blank	Total/NA	Solid	8021B	66262
MB 880-66319/5-A	Method Blank	Total/NA	Solid	8021B	66319
LCS 880-66319/1-A	Lab Control Sample	Total/NA	Solid	8021B	66319
LCSD 880-66319/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	66319
890-5566-1 MS	SW -1	Total/NA	Solid	8021B	66319
890-5566-1 MSD	SW -1	Total/NA	Solid	8021B	66319

## Prep Batch: 66262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-66262/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 66319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Total/NA	Solid	5035	
890-5566-2	CS -1	Total/NA	Solid	5035	
890-5566-3	CS -2	Total/NA	Solid	5035	
890-5566-4	CS -3	Total/NA	Solid	5035	
890-5566-5	CS -4	Total/NA	Solid	5035	
890-5566-6	CS -5	Total/NA	Solid	5035	
890-5566-7	CS -6	Total/NA	Solid	5035	
890-5566-8	CS -7	Total/NA	Solid	5035	
890-5566-9	CS -8	Total/NA	Solid	5035	
MB 880-66319/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-66319/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-66319/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5566-1 MS	SW -1	Total/NA	Solid	5035	
890-5566-1 MSD	SW -1	Total/NA	Solid	5035	

## Analysis Batch: 66521

Released to Imaging: 1/16/2024 11:54:39 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Total/NA	Solid	Total BTEX	
890-5566-2	CS -1	Total/NA	Solid	Total BTEX	
890-5566-3	CS -2	Total/NA	Solid	Total BTEX	
890-5566-4	CS -3	Total/NA	Solid	Total BTEX	
890-5566-5	CS -4	Total/NA	Solid	Total BTEX	
890-5566-6	CS -5	Total/NA	Solid	Total BTEX	
890-5566-7	CS -6	Total/NA	Solid	Total BTEX	
890-5566-8	CS -7	Total/NA	Solid	Total BTEX	
890-5566-9	CS -8	Total/NA	Solid	Total BTEX	

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Client: NT Global Job ID: 890-5566-1 Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

GC Semi VOA

## Analysis Batch: 66221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Total/NA	Solid	8015B NM	66312
890-5566-2	CS -1	Total/NA	Solid	8015B NM	66312
890-5566-3	CS -2	Total/NA	Solid	8015B NM	66312
890-5566-4	CS -3	Total/NA	Solid	8015B NM	66312
890-5566-5	CS -4	Total/NA	Solid	8015B NM	66312
890-5566-6	CS -5	Total/NA	Solid	8015B NM	66312
890-5566-7	CS -6	Total/NA	Solid	8015B NM	66312
MB 880-66312/1-A	Method Blank	Total/NA	Solid	8015B NM	66312
LCS 880-66312/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66312
LCSD 880-66312/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66312
890-5565-A-53-F MS	Matrix Spike	Total/NA	Solid	8015B NM	66312
890-5565-A-53-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	66312

## Prep Batch: 66312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Total/NA	Solid	8015NM Prep	
890-5566-2	CS -1	Total/NA	Solid	8015NM Prep	
890-5566-3	CS -2	Total/NA	Solid	8015NM Prep	
890-5566-4	CS -3	Total/NA	Solid	8015NM Prep	
890-5566-5	CS -4	Total/NA	Solid	8015NM Prep	
890-5566-6	CS -5	Total/NA	Solid	8015NM Prep	
890-5566-7	CS -6	Total/NA	Solid	8015NM Prep	
MB 880-66312/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-66312/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-66312/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5565-A-53-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5565-A-53-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Prep Batch: 66313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-8	CS -7	Total/NA	Solid	8015NM Prep	
890-5566-9	CS -8	Total/NA	Solid	8015NM Prep	
MB 880-66313/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-66313/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-66313/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5566-8 MS	CS -7	Total/NA	Solid	8015NM Prep	
890-5566-8 MSD	CS -7	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 66344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-8	CS -7	Total/NA	Solid	8015B NM	66313
890-5566-9	CS -8	Total/NA	Solid	8015B NM	66313
MB 880-66313/1-A	Method Blank	Total/NA	Solid	8015B NM	66313
LCS 880-66313/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66313
LCSD 880-66313/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66313
890-5566-8 MS	CS -7	Total/NA	Solid	8015B NM	66313
890-5566-8 MSD	CS -7	Total/NA	Solid	8015B NM	66313

## Analysis Batch: 66355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Total/NA	Solid	8015 NM	

Client: NT Global Job ID: 890-5566-1
Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

GC Semi VOA (Continued)

## Analysis Batch: 66355 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-2	CS -1	Total/NA	Solid	8015 NM	
890-5566-3	CS -2	Total/NA	Solid	8015 NM	
890-5566-4	CS -3	Total/NA	Solid	8015 NM	
890-5566-5	CS -4	Total/NA	Solid	8015 NM	
890-5566-6	CS -5	Total/NA	Solid	8015 NM	
890-5566-7	CS -6	Total/NA	Solid	8015 NM	
890-5566-8	CS -7	Total/NA	Solid	8015 NM	
890-5566-9	CS -8	Total/NA	Solid	8015 NM	

HPLC/IC

## Leach Batch: 66246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Soluble	Solid	DI Leach	
890-5566-2	CS -1	Soluble	Solid	DI Leach	
890-5566-3	CS -2	Soluble	Solid	DI Leach	
MB 880-66246/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-66246/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-66246/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-35378-A-12-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-35378-A-12-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 66250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-4	CS -3	Soluble	Solid	DI Leach	_
890-5566-5	CS -4	Soluble	Solid	DI Leach	
890-5566-6	CS -5	Soluble	Solid	DI Leach	
890-5566-7	CS -6	Soluble	Solid	DI Leach	
890-5566-8	CS -7	Soluble	Solid	DI Leach	
890-5566-9	CS -8	Soluble	Solid	DI Leach	
MB 880-66250/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-66250/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-66250/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-5566-4 MS	CS -3	Soluble	Solid	DI Leach	
890-5566-4 MSD	CS -3	Soluble	Solid	DI Leach	

Analysis Batch: 66327

Released to Imaging: 1/16/2024 11:54:39 AM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-4	CS -3	Soluble	Solid	300.0	66250
890-5566-5	CS -4	Soluble	Solid	300.0	66250
890-5566-6	CS -5	Soluble	Solid	300.0	66250
890-5566-7	CS -6	Soluble	Solid	300.0	66250
890-5566-8	CS -7	Soluble	Solid	300.0	66250
890-5566-9	CS -8	Soluble	Solid	300.0	66250
MB 880-66250/1-A	Method Blank	Soluble	Solid	300.0	66250
LCS 880-66250/2-A	Lab Control Sample	Soluble	Solid	300.0	66250
LCSD 880-66250/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	66250
890-5566-4 MS	CS -3	Soluble	Solid	300.0	66250
890-5566-4 MSD	CS -3	Soluble	Solid	300.0	66250

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Client: NT Global Job ID: 890-5566-1
Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

## HPLC/IC

## Analysis Batch: 66352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-5566-1	SW -1	Soluble	Solid	300.0	66246
890-5566-2	CS -1	Soluble	Solid	300.0	66246
890-5566-3	CS -2	Soluble	Solid	300.0	66246
MB 880-66246/1-A	Method Blank	Soluble	Solid	300.0	66246
LCS 880-66246/2-A	Lab Control Sample	Soluble	Solid	300.0	66246
LCSD 880-66246/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	66246
880-35378-A-12-F MS	Matrix Spike	Soluble	Solid	300.0	66246
880-35378-A-12-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	66246

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Project/Site: North Thistle 2 State #002H-L3

SDG: Eddy Co, NM

Client Sample ID: SW -1

Client: NT Global

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Lab Sample ID: 890-5566-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 00:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			66355	11/07/23 05:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	66312	11/06/23 16:19	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66221	11/07/23 05:09	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	66246	11/06/23 16:00	CH	EET MID
Soluble	Analysis	300.0		1			66352	11/07/23 00:44	CH	EET MID

Client Sample ID: CS -1 Lab Sample ID: 890-5566-2 Date Collected: 11/02/23 00:00

Date Received: 11/03/23 13:50

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 00:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 00:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			66355	11/07/23 05:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	66312	11/06/23 16:19	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66221	11/07/23 05:30	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	66246	11/06/23 16:00	СН	EET MID
Soluble	Analysis	300.0		1			66352	11/07/23 00:51	CH	EET MID

Client Sample ID: CS -2 Lab Sample ID: 890-5566-3 Date Collected: 11/02/23 00:00 **Matrix: Solid** 

Date Received: 11/03/23 13:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 00:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 00:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			66355	11/07/23 05:52	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	66312	11/06/23 16:19	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66221	11/07/23 05:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	66246	11/06/23 16:00	CH	EET MID
Soluble	Analysis	300.0		1			66352	11/07/23 00:57	CH	EET MID

Client Sample ID: CS -3 Lab Sample ID: 890-5566-4

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 01:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 01:10	SM	EET MID

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**Matrix: Solid** 

Client: NT Global

Project/Site: North Thistle 2 State #002H-L3

Job ID: 890-5566-1

SDG: Eddy Co, NM

Client Sample ID: CS -3

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Lab Sample ID: 890-5566-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			66355	11/07/23 06:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	66312	11/06/23 16:19	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66221	11/07/23 06:13	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	66250	11/06/23 09:46	СН	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	66327	11/06/23 17:48	CH	EET MID

Client Sample ID: CS -4 Lab Sample ID: 890-5566-5 Date Collected: 11/02/23 00:00 **Matrix: Solid** 

Date Received: 11/03/23 13:50

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab 5035 Total/NA Prep 5.02 g 5 mL 66319 11/06/23 17:07 MNR **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 66231 11/08/23 01:30 MNR EET MID 1 Total/NA Total BTEX 11/08/23 01:30 Analysis 1 66521 SM **EET MID** Total/NA Analysis 8015 NM 66355 11/07/23 06:35 SM EET MID Total/NA Prep 8015NM Prep 10.02 g 10 mL 66312 11/06/23 16:19 TKC **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 66221 11/07/23 06:35 SM **EET MID** Soluble Leach DI Leach 4.98 g 50 mL 66250 11/06/23 09:46 CH **EET MID** Soluble Analysis 300.0 1 50 mL 50 mL 66327 11/06/23 18:04 СН **EET MID** 

Client Sample ID: CS -5 Lab Sample ID: 890-5566-6 Date Collected: 11/02/23 00:00 **Matrix: Solid** 

Date Received: 11/03/23 13:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 01:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 01:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			66355	11/07/23 06:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	66312	11/06/23 16:19	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66221	11/07/23 06:58	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	66250	11/06/23 09:46	СН	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	66327	11/06/23 18:09	CH	EET MID

Client Sample ID: CS -6 Lab Sample ID: 890-5566-7

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 02:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 02:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			66355	11/07/23 07:20	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.95 g 1 uL	10 mL 1 uL	66312 66221	11/06/23 16:19 11/07/23 07:20	TKC SM	EET MID EET MID

**Eurofins Carlsbad** 

**Matrix: Solid** 

Released to Imaging: 1/16/2024 11:54:39 AM

Client: NT Global Project/Site: North Thistle 2 State #002H-L3

Job ID: 890-5566-1 SDG: Eddy Co, NM

Client Sample ID: CS -6

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

Lab Sample ID: 890-5566-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	66250	11/06/23 09:46	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	66327	11/06/23 18:14	CH	EET MID

Client Sample ID: CS -7 Lab Sample ID: 890-5566-8

Date Collected: 11/02/23 00:00 Date Received: 11/03/23 13:50

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 02:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 02:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			66355	11/07/23 11:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	66313	11/06/23 16:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66344	11/07/23 11:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	66250	11/06/23 09:46	СН	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	66327	11/06/23 18:20	CH	EET MID

Client Sample ID: CS -8 Lab Sample ID: 890-5566-9

Date Collected: 11/02/23 00:00

**Matrix: Solid** 

Date Received: 11/03/23 13:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	66319	11/06/23 17:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66231	11/08/23 02:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66521	11/08/23 02:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			66355	11/07/23 13:05	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	66313	11/06/23 16:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66344	11/07/23 13:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	66250	11/06/23 09:46	СН	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	66327	11/06/23 18:35	CH	EET MID

## Laboratory References:

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

# **Accreditation/Certification Summary**

Client: NT Global Job ID: 890-5566-1
Project/Site: North Thistle 2 State #002H-L3 SDG: Eddy Co, NM

## **Laboratory: Eurofins Midland**

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400-23-26	06-30-24
0 ,		ut the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
for which the agency do	oes not offer certification.  Prep Method	Matrix	Analyte	
8015 NM	1 TOP MOUNTOU	Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

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# **Method Summary**

Client: NT Global

Project/Site: North Thistle 2 State #002H-L3

Job ID: 890-5566-1

00D ID. 000	000	
SDG: Eddy	Co,	NM

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

### **Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

## Laboratory References:

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

# **Sample Summary**

Client: NT Global

Project/Site: North Thistle 2 State #002H-L3

Job ID: 890-5566-1

SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-5566-1	SW -1	Solid	11/02/23 00:00	11/03/23 13:50	0 -8'
890-5566-2	CS -1	Solid	11/02/23 00:00	11/03/23 13:50	8'
890-5566-3	CS -2	Solid	11/02/23 00:00	11/03/23 13:50	8'
890-5566-4	CS -3	Solid	11/02/23 00:00	11/03/23 13:50	8'
890-5566-5	CS -4	Solid	11/02/23 00:00	11/03/23 13:50	8'
890-5566-6	CS -5	Solid	11/02/23 00:00	11/03/23 13:50	8'
890-5566-7	CS -6	Solid	11/02/23 00:00	11/03/23 13:50	8'
890-5566-8	CS -7	Solid	11/02/23 00:00	11/03/23 13:50	8'
890-5566-9	CS -8	Solid	11/02/23 00:00	11/03/23 13:50	8'

Manager   Ethan Sessums	D			6			-						6
Managen   Eldam Sessums   Mail to it accessed   Mail to the content   Mail to it accessed   Mail to the content   Mail to the con				4 2				$\propto$	XXX	P			of the for
Minager   Ethan Seasums		Received by: (Signature	elinquished by: (Signature)	R	Time	Date		re)	d by: (Signatu	Receive		(Signature)	Relinquished by
Manager   Ethan Sessums   Elati to d'attiment   Company Name   C		conditions d the control btlated.	ntractors. It assigns standard terms and hosses are due to circumstances beyong will be enforced unless previously nego	es and subco client if sucl I. These term	, its affiliate irred by the ot analyzed	ny to Xenco penses incu enco, but n	client compa losses or ex ubmitted to )	e order from sibility for any ach sample s	ites a valid purchai ssume any responi a charge of \$6 for e	oles constitu d shall not a project and	ishment of sam st of samples and applied to each	document and relinque liable only for the costarge of \$85.00 will be	Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch
Manager   Ethan Sessums   Ethan   Description   Property Name   Company Name   Devon   Devo												onal Comments	Additi
Manager   Ethan Sessums   Mri G Environmental   Company Name													
Manager   Ethan Sessums   Mil G Environmental   Company Name   Mil G Environmental   Company Name   Devor   Devor   Program: USTPST   PRP   Provatiled   RRC				×	+	×	Comp	_	×		11/2/2023	8ft	CS-8
Manager   Ethan Sessums   Dall to   of adversion   Dall to   Da				×	-	_	Comp		×		11/2/2023	8ft	CS-7
Manager   Ethan Sessums   Et				×	-	_	Comp		×		11/2/2023	8ft	CS-6
Manager         Elhan Sessums         Elhan Sessums         Bill to ill different)         Wooledy Matthews         Program: USTPST □ PRP □ Inventields □ RRC of Same USTPST □ PRP □ Inventields □ RRC of Same ADDITION IN SEZOO         Work Order Comments           sy Alame         209 W McKlay St         Email: gesessums@niglobal.com         Dovon         State of Project: RRC of Project: RRC of Same No. (NAM) RBCZOO         State of Project: RRC of Project: RRC of Same No. (NAM) RBCZOO         Program: USTPST □ PRP □ Inventields □ RRC of NAM of Project: RRC of Same of Castor of Same of Project: RRC of Same of Castor of Same of Project: RRC of Same of Castor of Same of Castor of Same of Project: RRC of Same of Castor of Same of Project: RRC of Same of Castor of Sa				×	-	-	Comp		×		11/2/2023	8ft	CS-5
Manager         Elhan Sessums         Bill to (d e/Neum)         Wosley Matthews         Gompany Manne         Work Order Comments           ny Name         NTG Environmental         Company Name         Devon         Segam: US/PST   PRP   Invovintieds   PRC   State of Project:         Servation         Servation         Address:         Devon         Program: US/PST   PRP   Invovintieds   PRC   PRP   Invovintieds   PRC   PRP   Invovintieds   PRC   PRP   Invovintieds   PRP   Invo				×	-	_	Comp		×		11/2/2023	8ft	CS-4
Manager         Elthan Sessums         Bill to (if different)         Woosley Mamme         Woosley Matthews         Woosley Matthews         Woodley Comments         Program: UST/PST   DRV MCKay St   DRV				×			Comp		×		11/2/2023	8ft	CS-3
Manager:         Ethan Sessums         Ethan Sessums         Bill to (if different)         Wooley Matthews         Work Order Comments           s         209 W McKay St         Company Name:         Devon         Devon         State of Project:           gle ZIP:         Carlsbad, NM 88220         Email: gesessums@ntdjobal.com         Cly, Slafe ZIP:         State of Project:         State of Project:         Program: UST/PST □ PRP □ Brownfields □ RRC           Number:         237627         □ Routine         □ Routine         □ Rutine         ABhrs         □ Reporting Level III □ Level III □ Devil				×	-	1 ×	Comp		×		11/2/2023	8ft	CS-2
Manager         Ethan Sessums         Ethan Sessums         Bill to if different)         Wissley Matthews         Wissley Matthews         Wissley Matthews         Work Offer Comments           sy Name         209 W McKay St         209 W McKay St         Company Name         Devon         State of Project:           glez Zip:         Carlsbad, NM 88220         Email:         esssums@ntd cball         Temple   company Name         Devon         State of Project:         RRC           Number:         A32-701-2159         Email:         essssums@ntd cball         Tum Around         ANALYSIS REQUEST         Molevables:         EDD         APT         Other:           Number:         LEGIV Co. NM         Due Date:         48hrs         Code         ANALYSIS REQUEST         Mone NO           LE RECEIPT         Temp Blank:         Yes No         No Freedometer ID         T/V/M/CO         AP         AP         AP         H-ySo,' H-ySo,' H-ySo,' H-ySo,' H-ySo,' NSO, NSO, NSO, NSO, NSO, NSO, NSO, NSO,				×	-		Comp		×		11/2/2023	8ft	CS-1
Manager     Ethan Sessums     Bill to iff different)     Wosley Matthews     Worlder Comments       ny Name     NTG Environmental     Company Name     Devon     Program: UST/PST □ PRP □ Brownfields □ RRC       se     209 W McKay St     Address:     City, State ZIP:     City, State ZIP:     City, State ZIP:     Program: UST/PST □ PRP □ Brownfields □ RRC       Name     A32-701-2159     Email: desessums@ntglobal.com     Pres.     Pres.     Pres.     Pres.       Number:     237627     □ Routine     □ Routine     □ Routine     □ Routine     □ Routine     Pres.     ANALYSIS REQUEST     Preservatin       Number:     Clayton Tumas     TAT starts the day received by 4 30pm     Pres.     AU Temperature Reading:     Pres.     AU Temperature Reading:     Pres.     AU MICON     AU MICON     Pres.     AU MICON     AU M				×	-		Comp		×		11/2/2023	0-8ft	SW-1
Manager.         Ethan Sessums         Bill to (if different)         Wosley Matthews         World Program: UST/PST □PRP □ Brownfields □RRC           syName:         NTG Environmental         Company Name:         Devon         Devon         World Order Comments           s         209 W McKay St         Address:         Devon         Devon         State of Project:         Program: UST/PST □PRP □ Brownfields □RRC           state ZIP:         Carlsbad, NM 88220         Email: desessums@nitglobal.com         ANALYSIS REQUEST         Reporting: Level III □Level III □Level III □PST/UST □PRP □ Other:         Preservati           Number:         North Thistle 2 State #002H - L3         Turn Around         ANALYSIS REQUEST         Preservati           Number:         Preservati         Due Date:         48hrs         ANALYSIS REQUEST         ANALYSIS REQUEST         None: NO           LECKION Temperature         Eddy Co, NM         Due Date:         48hrs         Pres.         ANALYSIS REQUEST         None: NO           LECKION Temperature         Pres.         ANALYSIS REQUEST         None: NO         None: NO           LECKION Temperature         Yes No (NA)         Ves No (NA)	Sample Comments				ТР	ont			Soil	Time	Date	Depth (ft bgs)	Sample Identification
Manager:         Ethan Sessums         Bill to (if different)         Wosley Matthews         Work Order Comments           ny Name:         NTG Environmental         Company Name:         Devon         Program: UST/PST □RP □ rownfields □RRC           s         209 W McKay St         Address:         Devon         Program: UST/PST □RP □ rownfields □RRC           state of Project:         State of Project:         Reporting: Level III □ Coher:           Number:         Leddy Co, NM         Due Date: □ Rush         ABhrs           Location         Eddy Co, NM         Due Date: □ Abhrs         ABhrs           Location         Clayton Tumas         TAT starts the day received by the lab, if received by the lab, if received by 4.3bpn         ABhrs         ABhrs           Location         Yes No (N/A)         Temp Blank: □ Coher □ C	NaOH+Ascorbic Acid SAPC				Н 80			à.C	1 Temperature:	Corrected	(		Total Containers:
Manager:     Ethan Sessums     Bill to (d different)     Workloams     Work Order Comments       ny Name:     NTG Environmental     Company Name:     Devon     Program: UST/PST □ PRP □ Brownfields □ RRC       s:     209 W McKay St     Address:     Devon     State of Project:     State of Project:       gie ZIP:     Carlsbad, NM 88220     Email: esessums@ntglobal.com     Email: esessums@ntglobal.com     Pres.     Reporting.Level III □ Level III □ Level III □ Level III □ None: No     Other.       Name:     North Thistle 2 State #002H - L3     Turn Around     Pres.     ANALYSIS REQUEST     Preservati       Number:     237627     □ Routine	Zn Acetate+NaOH: Zn			CI	-	В		0	ture Reading:	Tempera		Yes	Sample Custody Sea
Manager:         Ethan Sessums         Bill to (# different)         Wesley Matthews         Work Order Comments           ny Name:         NTG Environmental         Company Name:         Devon         Program: UST/PST □PRP □Rownfields □RRC           s:         209 W McKay St         Address:         Devon         State of Project:           sie ZIP:         Carlsbad, NM 89220         Email: esessums@ntolobal.com         Reporting: Level III □Level III □Level III □PST/UST □PRP □ROWnfields □RRC           Name:         North Thistle 2 State #002H - L3         Turn Around         ANALYSIS REQUEST         Preservati           Number:         237627         □Routine □RUSH □ROWnfields □RRC         ANALYSIS REQUEST         None: NO           Location □ Eddy Co, NM         Due Date: 48hrs         48hrs         ANALYSIS REQUEST         None: NO           Location □ Clayton Turnas         TAT starts the day received by 4:30pm         TAT starts the day received by 4:30pm         ANALYSIS REQUEST         None: NO           LE RECEIPT         Temp Blank: (Yes No Interceived by 4:30pm         TAT starts the day received by 4:30pm         ANALYSIS REQUEST         ANALYSIS REQUEST         ANALYSIS REQUEST         None: NO         Non	Na_S,O_NaSO			nlori	_		_	0.0	n Factor:	Correctio		Yes	Cooler Custody Seal
Manager:         Ethan Sessums         Bill to (if different)         Vivesley Matthews         Program:         Work Order Comments           ny Name:         NTG Environmental         Company Name:         Devon         Program: UST/PST □PRP Brownfields □RRC           s:         209 W McKay St         Address:         Devon         State of Project:           ate ZIP:         Carlsbad, NM 88220         Cify, State ZIP:         Reporting:Level II □Level III □Level III □PST/UST □PRP Brownfields □PST/UST □PST/UST □PRP Brownfields □PST/UST □PST/US	NaHSO, NABIS	OLD	566	ide 4	_		2	TWMC	eter ID:	Thermon		(Ye)	Received Intact:
Manager:         Ethan Sessums         Bill to: (#ddfferent)         Wosley Matthews         Work Order Comments           ny Name:         NTG Environmental         Company Name:         Devon         Program: UST/PST □PRP □Brownfields □RRC           s:         209 W McKay St         Address:         Devon         State of Project:         Program: UST/PST □PRP □Brownfields □RRC           ate ZIP:         Carlsbad, NM 88220         Email: esessums@ntglobal.com         Reporting: Level III □PST/UST □TRRP □PRP □PST/UST □TRRP □PST/UST □	HPOT HP			500	-			Yes		Yes No	Blank:		SAMPLE RECEI
Manager:         Ethan Sessums         Bill to: (fd different)         Wesley Matthews         Ethan Sessums         Work Order Comments           ny Name:         NTG Environmental         Company Name:         Devon         Program: UST/PST □PRP □ Brownfields □RRC           s:         209 W McKay St         Address:         City, State ZIP:         State of Project:         Reporting: Level III □ Le				_	) + N	rs		ved by 4:30p	lab, if rece		1198816	2	PO #
Manager:     Ethan Sessums     Bill to: (d different)     Wosley Matthews     Wosley Matthews     Program: UST/PST   PRP   Brownfields   RRC       ny Name:     NTG Environmental     Company Name:     Devon     Program: UST/PST   PRP   Brownfields   RRC       s:     209 W McKay St     Address:     Devon     State of Project:       gte ZIP:     Carlsbad, NM 88220     Email: esessums@ntglobal.com     Reporting: Level III   Level III   BST/UST   RRP   Differ:       Name:     North Thistle 2 State #002H - L3     Turn Around     ANALYSIS REQUEST     ANALYSIS REQUEST     Preservation       Number:     237627     Routine				_	IRO		by the	day received	TAT starts the		ton Tumas	Clay	Sampler's Name:
Manager:     Ethan Sessums     Bill to: (d different)     Wesley Matthews     Work Order Comments       ny Name:     NTG Environmental     Company Name:     Devon     Program: UST/PST   PRP   Brownfields   RRC       s:     209 W McKay St     Address:     Devon     State of Project:       ate ZIP:     Carlsbad, NM 88220     City, State ZIP:     Reporting: Level III   Level III   PST/UST   PRP   Reporting: Level III   Dother:       Name:     North Thistle 2 State #002H - L3     Turn Around     ANALYSIS REQUEST     Preservative       Number:     237627     Routine     Rush     Pres.     ANALYSIS REQUEST     None: NO					)		w	48hr	Due Date:		y Co, NM	Edd	Project Location
Manager:     Ethan Sessums     Bill to: (d different)     Wesley Matthews     Work Order Comments       ny Name:     NTG Environmental     Company Name:     Devon     Program: UST/PST   PRP   Brownfields   RRC       s:     209 W McKay St     Address:     State of Project:     State of Project:       ate ZIP:     Carlsbad, NM 88220     City, State ZIP:     Reporting: Level III   PST/UST   PRP   Brownfields   PRP   P			- - -	-		ode	0.7	Rush	Routine		37627	2	Project Number:
Manager:     Ethan Sessums     Bill to: (d offerent)     Wesley Matthews     Work Order Comments       ny Name:     NTG Environmental     Company Name:     Devon     Program: UST/PST   PRP   Brownfields   RRC       s:     209 W McKay St     Address:     Address:     State of Project:       ate ZIP:     Carlsbad, NM 88220     City, State ZIP:     Reporting: Level III   Level III   PST/UST   PRP   RRP   Pogram: UST/PST   PRP   RRP   Program: UST/PST   PRP   RRP   Program: UST/PST   PRP   Program: UST	Preservative Codes		ALYSIS					Around	Turr	2H - L3	2 State #002	North Thistle	Project Name:
### Ethan Sessums  ### Bill to: (# different)  ### Wesley Matthews  ### Wesley Matthews  ### Wesley Matthews  ### Devon  ### Devon  ### Program: UST/PST   PRP   Brownfields   RRC  ### State of Project:  ### State of Project:  ### Carisbad, NM 88220  ### Carisbad, NM 88220  ### Carisbad, NM 88220  ### Wesley Matthews  ### Program: UST/PST   PRP   Brownfields   RRC  ### State of Project:  ### Reporting: Level III   Level III   PST/UST   TRRP			Delivera			il.com	@ntgloba	esessums	Email:			432-701-2159	Phone:
Ethan Sessums  Bill to: (if different)  NTG Environmental  Company Name:  Devon  Devon  Program: UST/PST \[ \text{PRP} \[ \text{Brownfields} \[ \text{RRC} \]  State of Project:	∐ RRP	ng:Level III ☐ Level III ☐ LPST/U	Reporti				ZIP:	City, State			8220	Carlsbad, NM 8	City, State ZIP:
Ethan Sessums  Bill to: (if different)  Wesley Matthews  Work Order Comments  NTG Environmental  Company Name:  Devon  Program: UST/PST PRP Brownfields RRC		f Project:	State o					Address:			**	209 W McKay S	Address
Ethan Sessums Bill to: (if different) Wesley Matthews		PRP	Progra		On	Dev	lame:	Company N			intal	NTG Environme	Company Name:
	omments	Work Order Co		news	siey Matti	We	erent)	Bill to: (if diff				Ethan Sessums	Project Manager:
												ENVIRONMENTAL	

# **Login Sample Receipt Checklist**

Client: NT Global Job Number: 890-5566-1 SDG Number: Eddy Co, NM

Login Number: 5566 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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

ge 374 0j 431

# **Login Sample Receipt Checklist**

Client: NT Global Job Number: 890-5566-1 SDG Number: Eddy Co, NM

> List Source: Eurofins Midland List Creation: 11/06/23 01:01 PM

List Number: 2 Creator: Rodriguez, Leticia

Login Number: 5566

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

11

14

14

<6mm (1/4").



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

November 03, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: NORTH THISTLE 2 STATE #002H L5

Enclosed are the results of analyses for samples received by the laboratory on 11/02/23 14:59.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW - 3 A 0-1 FT (H236031-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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with Sigh



### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW - 4 A 0-1 FT (H236031-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/03/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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with Sigh



### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW - 6 A 0-1 FT (H236031-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW - 10 A 2-5 FT (H236031-04)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW - 12 A 2-5 FT (H236031-05)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 2 2 FT (H236031-06)

BTEX 8021B	mg/	/kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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### Analytical Results For:

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

11/02/2023

Sampling Date: Sampling Type: 11/02/2023

Project Name:

Received:

Reported:

11/03/2023 NORTH THISTLE 2 STATE #002H L5

Soil Cool & Intact

Project Number:

237627

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Project Location:

DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 3 2 FT (H236031-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 4 2 FT (H236031-08)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.02	101	2.00	0.881	
Toluene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.50	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.07	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.14	102	6.00	0.818	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 8 2 FT (H236031-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 237627 Sample Received By:

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 13 2 FT (H236031-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 19 2 FT (H236031-11)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 20 2 FT (H236031-12)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 237627

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 25 2 FT (H236031-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	6 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact Project Number: 237627 Sample Received By: Shalyn Rodriguez

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 28 2 FT (H236031-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg Analyzed By: A			d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: CS - 30 2 FT (H236031-15)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 13 (1-2') (H236031-16)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 14 (1-2') (H236031-17)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 15 (1-2') (H236031-18)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 16 (1-2') (H236031-19)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
<0.300	0.300	11/03/2023	ND					
102 9	% 71.5-13	4						
mg/	mg/kg Analyzed By: AC							
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	11/03/2023	ND	400	100	400	7.69	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
<10.0	10.0	11/03/2023	ND					
90.2	% 48.2-13	4						
104 9	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300  102 9 mg/ Result 32.0 mg/ Result <10.0 <10.0 <90.2	<ul> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.050</li> <li>&lt;0.150</li> <li>&lt;0.300</li> <li>0.300</li> <li>T1.5-13</li> <li>mg/kg</li> <li>Result Reporting Limit</li> <li>32.0 16.0</li> <li>mg/kg</li> <li>Result Reporting Limit</li> <li>&lt;10.0</li> </ul>	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DEVON - LEA CO., NEW MEXICO

### Sample ID: SW 17 (1-2') (H236031-20)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	207	104	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	213	106	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Mile Sough



### Analytical Results For:

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

Fax To:

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 18 (1-2') (H236031-21)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	208	104	200	2.77	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	212	106	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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Mile Sough



### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 19 (1-2') (H236031-22)

BTEX 8021B

DILX GOZID	ıııg,	K9	Alldiyzo	a by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/03/2023	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	208	104	200	2.77	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	212	106	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Mile Sough



### Analytical Results For:

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

Received: 11/02/2023 Sampling Date: 11/02/2023

Reported: 11/03/2023 Sampling Type: Soil

Project Name: NORTH THISTLE 2 STATE #002H L5 Sampling Condition: Cool & Intact
Project Number: 237627 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: DEVON - LEA CO., NEW MEXICO

mg/kg

### Sample ID: SW 20 (1-2') (H236031-23)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2023	ND	2.09	104	2.00	4.19	
Toluene*	<0.050	0.050	11/03/2023	ND	2.16	108	2.00	4.53	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	2.14	107	2.00	3.28	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	6.39	107	6.00	3.22	
Total BTEX	<0.300	0.300	11/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2023	ND	208	104	200	2.77	
DRO >C10-C28*	<10.0	10.0	11/03/2023	ND	212	106	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	11/03/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Me Soush



### **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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Mule Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Page 25 of 28

## Chain of Custody

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ADaPT ADAPT				
Reporting:Level III Level III LPST/UST		City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:
State of Project:		Address:	209 W McKay St	Address:
Program: UST/PST PRP Brownfields	Devon	Company Name:	NTG Environmental	Company Name:
Work Order Comm	Wesley Matthews	Bill to: (if different)	Ethan Sessums	Project Manager:
Work Order No:			NVIRONMENTAL	
-				

432-701-2159

Reporting: Level III Level III Level IV L	State of Project:	Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund ☐	Work Order Comments	Page1 of2_ Page 2	Work Order No: 132031
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Date/Time	nature)	Received by: (Signature)	Relinquished by: (Signature)	Time	Date/Time	-		lature)	Received by: (Signature	Receive		(Signature)	Relinquished by: (Signature)
		d conditions at the control otiated.	a: 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 rvice. 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 enco. 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.	ffiliates and a by the client i alyzed. These	enco, its a incurred to out not and	mpany to X or expenses to Xenco, I	rom client co r any losses o ple submitted	chase order f ponsibility fo for each sam	utes a valid pur ssume any res a charge of \$5	nples constitued shall not a project and	uishment of san ost of samples ar e applied to each	ocument and reling able only for the co rge of \$85,00 will b	Signature of this d ce. Xenco will be I o. A minimum cha
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	-			×	×	1	Comp		×		11/2/2023	2ft	CS-3
	16			×	×	_	Comp		×		11/2/2023	2ft	CS-2
	5			×	×	-	Comp		×		11/2/2023	2-5ft	SW-12 A
	7-6			×	×	-	Comp		×		11/2/2023	2-5ft	SW-10 A
	U			×	×	1	Comp		×		11/2/2023	0-1ft	SW-6 A
	0			×	×	1	Comp		×		11/2/2023	0-1ft	SW-4 A
	-			×	×	1	Comp		×		11/2/2023	0-1ft	SW-3 A
Sample Comments	Sam			16	TD	# of Cont	Grab/ Comp	Water	Soil	Time	Date	Depth (ft bgs)	Sample dentification
NaOH+Ascorbic Acid: SAPC	NaOH+As			1 00	u en			ė.	Corrected Temperature:	Corrected	15		Containers:
Zn Acetate+NaOH: Zn	Zn Acetate			_	_		1:	20	Temperature Reading:	Temperat	No N/A	Yes	ple Custody Seals
NaSO <sub>3</sub>				-	_	P		(	n Factor:	Correction Factor	NO NIA	Yes	er Custody Seals:
NABIS	NaHSO, NABIS				802	arai	0	14	eter ID:	Thermometer ID:	No	(Yes	eived Intact:
	-			1500	DRO	mete	No	(Yes	Wet Ice:	Yes (No	Temp Blank:		MPLE RECEIPT
NaOH: Na	H2S04: H2			, ,	2+1	rs	30pm	lab, if received by 4:30pm	lab, if re		21198816	2	
HNO3: HN	HCL HC				ARC		ved by the	TAT starts the day received by the	TAT starts t		Clayton Tumas	Clay	pler's Name:
	Cool: Cool			'	,		24hrs	2	Due Date:		Eddy Co, NM-Lealoff	-Edt	ect Location
DI Water: H <sub>2</sub> O	None: NO				-	Code	sh	√ Rush	Routine		237627		ect Number:
Liegel Addise Codes								Turn Around	11	ZH-LD	2 State #UU	North Inistie 2 State #UU2H-LS	ect Name:



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	nd conditions	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 samples and shall not assume any responsibility for any losses or exponses incurred by the client if such losses are due to circumstances beyond the control	affiliates and s	Xenco, its	t company to	order from clien	es a valid purchase	oles constitut	st of samples and	document and relinque	Votice: Signature of this
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3			×	×	1p 1	Comp	×		11/2/2023	2ft	CS-25
0			×	×	1p 1	Comp	×		11/2/2023	2ft	CS-20
			×	×	1p 1	Comp	×		11/2/2023	2ft	CS-19
Sample Comments			TPI		b # of Cont	Water Comp	Soil	Time	Date	Depth (ft bgs)	Sample Identification
NaOH+Ascorbic Acid: SAPC	7		1 801			1	Corrected Temperature:	Corrected	(		Total Containers:
Zn Acetate+NaOH: Zn	Z		-	В		0.46	Temperature Reading:	Temperatu	No N/A	Yes	Sample Custody Seals
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , NaSO <sub>2</sub>	_		2 5	тех	P	1	Factor.	Correction Factor.	NO NIA	Yes	Cooler Custody Seals:
NaHSO4: NABIS	OLD Z		RO +	802	aran	4	ter ID:	Thermometer ID:	No	(Yes	Received Intact:
H <sub>3</sub> PO <sub>4</sub> : HP				1B	nete	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na			+ M			ed by 4:30pm	lab, if received by 4:30pm		21198816	2	PO#
			IRO)		Φ.	ay received by th	TAT starts the d		Clayton Tumas	Clay	Sampler's Name:
Cool Cool MeOH: Me	c					24hrs	Due Date:	-	Eddy Co, NML calolly	- <u>F</u> dd	Project Location
None: NO DI Water: H <sub>2</sub> O	Z				Code	✓ Rush	Routine		237627	N	Project Number:
Preservative Codes		ANALYSIS REQUEST				Turn Around	Turn .	2H-L5	North Thistle 2 State #002H-L5	North Thistle	Project Name:
Other:	Deliverables: EDD	Deliver		13	tglobal.co	esessums@ntglobal.com	Email:			432-701-2159	Phone:
JST    TRRP    Level IV	Reporting:Level III Level III PST/UST	Reporti				City, State ZIP:	0		8220	Carlsbad, NM 88220	City, State ZIP:
	State of Project:	State o				Address:	-		St	209 W McKay St	Address:
Brownfields ☐RRC ☐uperfund ☐	Program: UST/PST PRP Brownf	Progra		Devon		Company Name	0		intal	NTG Environmental	Company Name:
mments	Work Order Comments		Wesley Matthews	Wesley		Bill to: (if different)	m			Ethan Sessums	Project Manager:
Page 2 Page 27										ENVIRONMENTA	()
Work Order No: H336031	Work Order No:									1	
		dy	Chain of Custody	n of	Chai						)

# CHAIN-OF-CUSTODY AND ANALYSIS PEQUEST



Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No No Corrected Temp. °C	Turnaround Time: Standard Rush Thermometer ID #140 Correction Factor 0°C . 24h	Sample Condition CHECKED BY: Cool Intact (Initials) No No No	Delivered By: (Circle One)  Observed Temp. °C)  Sampler - UPS - Bus - Other:  Corrected Temp. °C	Sa
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ide Email address.	All Results are emailed. Please provide Email address.  REMARKS:	decopus.	1	D D
Add'l Phone #:	verbal Result: ☐ Yes ☐ No	rdinal, regardless of whether such claim is based upon any of the above. "Ind reasons on Received By:  Veri	affiliates or successors arising out of or relate. In the performance of services hereunder by C. Relinquished By:	Re
	client for the letter to the applicable subsidiaries.	billy and Damages. Cardinat's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be finited to the amount poid by the client for the including those for neptigence and any other cause whatsoever shall be deemed evaleved unless made in writing and received by Cardinal within 30 days after completion of the applicable including those for neptigence and any other cause whatsoever shall be deemed evaleved unless made in writing and received by Cardinal within 30 days after completion of the applicable including the for including the for incidental or consequential dampages including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutions, each of use, or loss of profits incurred by client, its substitutions, and it is a substitution of the applicable including the profits of the applicable including the substitution of the applicable including the substitution of the applicable including the substitution of the applicable including the substitution of the applicable including the substitution of the applicable including the substitution of the applicable including the substitution of the applicable including whether the substitution of the applicable including which are substituted to the substitution of the applicable including which are substituted to the substitution of the applicable including which are substituted to the substitution of the applicable including which are substituted to the substitution of the applicable including which are substituted to the substitution of the applicable including which are substituted to the substitute of the substitution of the applicable including which are substituted to the substitution of the applicable including which are substituted to the substitute of the substitution of the applicable including which are substituted to the substitution of the applicable including the substitution of the applicable including the substitution of the applicable including the s	PLEASE NOTE: Lability and Damages. Cardinafs liability and client's exclusive remedy for any claim arising whether based in contract or tor, shall be finited to the amount paid by the client for an analyses. All claims including those for negligence and any other cause whatsoever shall be deemed wated unless made in writing and received by Cardinal within 30 days after completion of the a analyses. All claims including those for negligence and any other cause whatsoever shall be deemed wated unless made in writing and received by Cardinal within 30 days after completion of the a service of the shall be included by claims. It is substituted to the shall be received by Cardinal within 30 days after complete on the shall be reliable for including whether the shall be reliable to the shall	PLEA
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	7 E	ASE:	Lab I.D. Sample I.D.	_
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		fax #:	Sampler Name: Clay by Tunno	San
	2	Phone #:	Project Location: Lose Co, NC	Pro
	Q	TOP HOWH-LS State: Zip:	Project Name: 10th Thistie 2 Std	Pro
	^	City:	102701	Pho
	Carr	Zip: OOCCO Attn: WESTEY / CATTI	State:W	City:
		Company: Phon	Address: 209 W WCKE J	Add
		P.O. #: 21/38816	Project Manager: Ethen SRSUM J	Pro
ANALYSIS REQUEST		BILL TO	Company Name: //   // /	Con
		6	(575) 393-2326 FAX (575) 393-2476	

<u>District I</u> 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

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

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

QUESTIONS

Action 291062

### **QUESTIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	291062
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nOY1732130408
Incident Name	NOY1732130408 NORTH THISTLE 2 STATE #002H @ 30-025-42821
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-42821] NORTH THISTLE 2 STATE #002H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NORTH THISTLE 2 STATE #002H
Date Release Discovered	10/23/2017
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 355 BBL   Recovered: 250 BBL   Lost: 105 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

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State of New Mexico
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QUESTIONS, Page 2

Action 291062

### **QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	291062
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
•	

### QUESTIONS

Nature and Volume of Release (continued)	
No, according to supplied volumes this does not appear to be a "gas only" report.	
Yes	
From paragraph A. "Major release" determine using:  (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	this spill happened in 2017. The people associated with the spill are no longer remediating spills.

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

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

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 01/15/2024

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QUESTIONS, Page 3

Action 291062

### **QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be prov	vided to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contar	mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each	n, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	8200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	232
GRO+DRO (EPA SW-846 Method 8015M)	110
BTEX (EPA SW-846 Method 8021B or 8260B)	0.4
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes co which includes the anticipated timelines for beginning and completing the remediation.	ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	10/24/2023
On what date will (or did) the final sampling or liner inspection occur	11/02/2023
On what date will (or was) the remediation complete(d)	11/08/2023
What is the estimated surface area (in square feet) that will be reclaimed	1116
What is the estimated volume (in cubic yards) that will be reclaimed	330.7
What is the estimated surface area (in square feet) that will be remediated	6583
What is the estimated volume (in cubic yards) that will be remediated	404.4
These estimated dates and measurements are recognized to be the best guess or calculation	ion at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjus	sted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 291062

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
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### QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	R360 Artesia LLC LANDFARM [fEEM0112340644]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	No	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

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

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

I hereby agree and sign off to the above statement

Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 01/15/2024

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

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

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Action 291062

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

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

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Action 291062

### **QUESTIONS** (continued)

Operator:	OGRID:
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	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	303550
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/02/2023
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	1116

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6583
What was the total volume (cubic yards) remediated	404
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1116
What was the total volume (in cubic yards) reclaimed	331
Summarize any additional remediation activities not included by answers (above)	dig and haul

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

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Date: 01/15/2024

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Action 291062

**QUESTIONS** (continued)

Operator:	OGRID:
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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

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CONDITIONS

Action 291062

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	6137
	Action Number:
Oklahoma City, OK 73102	291062
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation Closure approved. All areas not reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as practical. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/16/2024